

*The Johns Hopkins University Conferring of Degrees at the
Close of the One Hundredth Academic Year, May 21, 1976
Keyser Quadrangle, Homewood, Baltimore, Maryland*

1976



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ORDER OF PROCESSION

MARSHALS

STANLEY CORRSIN	JOHN W. GRYDER
MATTHEW A. CRENSON	WILLIAM H. HUGGINS
ELAINE C. DAVIS	ROBERT A. LYSTAD
HANS GOEDICKE	EVANGELOS N. MOUDRIANAKIS
ARCHIE GOLDEN	EVERETT SCHILLER
GERALD S. GOTTERER	JOHN P. YOUNG

THE GRADUATES

*

MARSHALS

ROBERT B. POND
OREST RANUM

THE DEANS

MEMBERS OF THE SOCIETY OF SCHOLARS
OFFICERS OF THE UNIVERSITY
THE TRUSTEES

*

MARSHALS

BROWN L. MURR
FRANCIS E. ROURKE

THE FACULTIES

*

CHIEF MARSHAL

RICHARD A. MACKSEY

THE CHAPLAINS

THE RECIPIENT OF THE MILTON STOVER EISENHOWER MEDAL
FOR DISTINGUISHED SERVICE
THE PRESENTOR OF THE RECIPIENT OF THE MILTON STOVER
EISENHOWER MEDAL FOR DISTINGUISHED SERVICE
THE HONORARY DEGREE CANDIDATES
THE PROVOST OF THE UNIVERSITY
THE PRESIDENT EMERITUS OF THE UNIVERSITY
THE CHAIRMAN OF THE BOARD OF TRUSTEES
THE PRESIDENT OF THE UNIVERSITY

*

ORDER OF EVENTS

STEVEN MULLER

President of the University, presiding

* * *

FANFARE

PROCESSIONAL

*The audience is requested to stand as the Academic Procession
moves into the area and to remain standing after
the Invocation.*

“Earle of Oxford’s Marche”

William Byrd

The Peabody Wind Ensemble

RICHARD HIGGINS, *Director*

*

INVOCATION

REV. CHESTER WICKWIRE

Chaplain, The Johns Hopkins University

*

THE NATIONAL ANTHEM

*

GREETINGS

ROBERT D. H. HARVEY

Chairman of the Board of Trustees

*

PRESENTATION OF THE RECIPIENT FOR THE MILTON STOVER EISENHOWER MEDAL FOR DISTINGUISHED SERVICE

HELEN B. TAUSSIG

PRESENTED BY RICHARD S. ROSS

Vice President for the Health Divisions and Dean, School of Medicine

*

PRESENTATION OF NEW MEMBERS OF THE SOCIETY OF SCHOLARS

LEROY E. BURNEY

JACKSON I. COPE

JACQUES GENEST

FRITZ KURT KNEUBÜHL

HENRY GERARD SCHWARTZ

DAVID J. WEATHERALL

SCHOLARS PRESENTED BY HARRY WOOLF

Provost of the University

*

“Selections from the Water Music”

GEORGE FREDERICK HANDEL

The Peabody Wind Ensemble

*

CONFERRING OF HONORARY DEGREES

GREGORY BREIT

VIVIEN THOMAS

LEWIS THOMAS

PRESENTED BY HARRY WOOLF

*

ADDRESS

LEWIS THOMAS

President, Memorial Sloan-Kettering Cancer Center

*

CONFERRING OF DEGREES ON CANDIDATES

BACHELORS OF ARTS

BACHELORS OF ENGINEERING SCIENCE

Presented by

GEORGE E. OWEN

Dean, Faculty of Arts and Sciences

* * *

BACHELORS OF SCIENCE

Presented by

MALCOLM L. PETERSON

Dean, School of Health Services

* * *

ASSOCIATES OF ARTS

ASSOCIATES OF SCIENCE

BACHELORS OF SCIENCE

BACHELORS OF SCIENCE IN ENGINEERING

Presented by

ROMAN J. VERHALEN

Dean, Evening College

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

MASTERS OF SCIENCE
MASTERS OF EDUCATION
MASTERS OF LIBERAL ARTS
MASTERS OF ADMINISTRATIVE SCIENCE
CERTIFICATES OF ADVANCED STUDY IN EDUCATION
OR LIBERAL ARTS

Presented by

ROMAN J. VERHAALLEN
Dean, Evening College

* * *

MASTERS OF SCIENCE
MASTERS OF HEALTH SCIENCE
MASTERS OF PUBLIC HEALTH

Presented by

JOHN C. HUME
Dean, School of Hygiene and Public Health

* * *

MASTERS OF INTERNATIONAL PUBLIC POLICY
MASTERS OF ARTS IN INTERNATIONAL AFFAIRS
MASTERS OF ARTS

Presented by

ROBERT E. OSGOOD
Dean, School of Advanced International Studies

* * *

MASTERS OF ARTS

Presented by

RICHARD S. ROSS
Dean, School of Medicine

* * *

MASTERS OF SCIENCE IN ENGINEERING
MASTERS OF ARTS

Presented by

GEORGE E. OWEN
Dean, Faculty of Arts and Sciences

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

DOCTORS OF SCIENCE
DOCTORS OF PUBLIC HEALTH
DOCTORS OF PHILOSOPHY

Presented by

JOHN C. HUME

Dean, School of Hygiene and Public Health

* * *

DOCTORS OF PHILOSOPHY

Presented by

ROBERT E. OSGOOD

Dean, School of Advanced International Studies

* * *

DOCTORS OF MEDICINE
DOCTORS OF PHILOSOPHY

Presented by

RICHARD S. ROSS

Dean, School of Medicine

* * *

DOCTORS OF PHILOSOPHY

Presented by

GEORGE E. OWEN

Dean, Faculty of Arts and Sciences

* * *

STATEMENT TO THE GRADUATES

STEVEN MULLER

President of the University

*

BENEDICTION

REV. CLYDE SHALLENBERGER

Director, Chaplaincy Service

Johns Hopkins Medical Institutions

*

RECESSIONAL

"Crown Imperial March"

SIR WILLIAM WALTON

*The audience is requested to remain standing after the
Benediction until the members of the faculties and
graduates have left the area.*

CITATION FOR MILTON STOVER EISENHOWER MEDAL
FOR DISTINGUISHED SERVICE

Citation Read by

RICHARD S. ROSS

in Presenting

HELEN BROOKE TAUSSIG

for the Milton Stover Eisenhower Medal for Distinguished Service

May 21, 1976

Mr. President, it is a privilege to present for the Milton Stover Eisenhower Medal for Distinguished Service, Dr. Helen Brooke Taussig. The world knows Dr. Taussig as the First Lady of Cardiology and we know her as the First Lady of Hopkins Medicine. Dr. Taussig's place of honor in the history of modern medicine rests upon her record of achievement in pediatric cardiology.

The impact of her career on medicine can be appreciated by comparing the state of cardiology today with that which existed prior to 1945. At that time, congenital heart disease had been studied by anatomists, pathologists, and embryologists; but clinicians were not involved because there was no possibility of therapy. Conditions were described, cataloged, and specimens stored in museums, but unfortunately, the suffering which resulted from the abnormalities of the heart could not be alleviated.

Dr. Taussig and Dr. Alfred Blalock saw the potential for surgical correction of a specific type of congenital heart disease and with keen physiological insight devised an operation, perfected it in the animal laboratory, and applied it to thousands of "blue babies."

Her role in the restoration of a healthy life to many children is, of course, reason enough to honor Helen Taussig, but there is more. The advent of this operative procedure which bears her name provided the impetus for the development of a number of new diagnostic and therapeutic techniques. Cardiac catheterization, which had been used only as a tool for physiological investigation, became a tool for diagnosis. Once cardiac surgeons realized that one form of congenital heart disease could be repaired, they directed their attention to other defects. The understanding of the pathophysiology of congenital heart defects and especially of the role of the pulmonary circulation in the pathogenesis of cyanotic abnormalities paved the way for open heart surgery using the heart-lung machine.

The astounding progress of cardiac surgery in the last thirty years began with Taussig and Blalock. Their initial target was one relatively rare congenital anomaly, but the sequence they initiated has led to a situation far better than that which existed prior to 1945. In 1976 it is possible to say that almost all congenital anomalies of the heart and blood vessels can be corrected in early life and congenital heart disease beyond infancy is a rare disease.

Dr. Taussig might never have come to Johns Hopkins at all if the movement for equal rights for women had begun earlier. She applied for admission to the Harvard School of Public Health, but learned that as a woman she could take courses but could not be a candidate for a degree. She started her medical education at Boston University and finished at Johns Hopkins, receiving her M. D. degree in 1927.

She was one of the first women to be named a full professor on the Johns Hopkins Medical Faculty and was also the first woman president of the American Heart Association.

The list of awards fills three pages in her curriculum vitae. To mention but a few: Women's National Press Club Award, the Passano Award, the Albert Lasker Award, and the James B. Herrick Award of the American Heart Association. She is also a member of the National Academy of Sciences and the American Philosophical Society. More important than the scientific achievements and awards which she has earned is the love which this warm, very human woman has received from her patients, colleagues, and students.

Mr. President, it is a privilege to present Helen Brooke Taussig for the Milton Stover Eisenhower Medal for Distinguished Service.

JOHNS HOPKINS SOCIETY OF SCHOLARS

The Johns Hopkins Society of Scholars was created on the recommendation of former President Milton S. Eisenhower and approved by action of the University Board of Trustees on May 1, 1967. The Society—the first of its kind in the nation—inducts former postdoctoral fellows at Johns Hopkins who have gained marked distinction in their fields of physical, biological, medical, social or engineering sciences or the humanities, and for whom at least five years have elapsed since their postdoctoral work. The Committee of the Johns Hopkins Society of Scholars, whose members are equally distributed among the academic divisions, elects the Scholars from the candidates nominated by the academic divisions having programs for postdoctoral fellows. Each division has the privilege of nominating up to three candidates for each election year. The Scholars are invested during the graduation ceremony, the Commemoration Day ceremony, or on some similar occasion and are presented with a diploma and a medallion with black and gold ribbon to be worn around the neck with their academic costume.

Today we honor nine new members who have been elected this year to the Johns Hopkins Society of Scholars:

Dr. Leroy E. Burney was appointed in 1956 by President Dwight D. Eisenhower as Surgeon General of the United States Public Health Service, a position in which he served with great distinction. Dr. Burney was a postdoctoral fellow in 1931-32 at the Johns Hopkins School of Hygiene and Public Health. He has conducted important research on venereal disease, served a term as president of the World Health Assembly, and was appointed in 1961 as vice president for health services at Temple University. Since 1970, he has served as president of the Milbank Memorial Fund in New York, where he continues to have a major influence on public health education throughout the United States and abroad.

Dr. Jackson I. Cope was educated at the University of Illinois and The Johns Hopkins University, where he received a Ph.D. in English in 1952. He was a postdoctoral fellow in the Department of English at Johns Hopkins in 1954 and 1955, and then taught at Washington University, Rice University and Johns Hopkins. Distinguished as a scholar and teacher, Professor Cope has led the study of 17th-century prose, of Milton, and of Renaissance drama into fruitful new channels by his creative application of the History of Ideas methodology. Now he has turned to the works of James Joyce, and is enhancing our grasp of the connection between modern literature and our cultural tradition. He is currently the Leo S. Bing Professor of English at the University of Southern California.

Dr. Jacques Genest, a native of Canada, was trained at the University of Montreal and from 1945 to 1948 was a research fellow in renal physiology at the Johns Hopkins School of Medicine. Dr. Genest's main contributions to research pertain to the humoral mechanisms of hypertension. He has been called the leader of Canadian clinical investigation and is one of the most dynamic forces in the modernization of French-Canadian medicine. Dr. Genest is currently professor of medicine at the University of Montreal and scientific director of the Clinical Research Institute of Montreal.

Dr. Michael Kammen was educated at George Washington University and Harvard University, and did postdoctoral work in 1968-69 in the Department of History and the Humanities Center at Johns Hopkins. A prolific scholar and leading authority on early American history, he won the 1973 Pulitzer Prize

in history for a book which advances a new interpretation of the character of American culture. His more recent narrative history of New York in the 17th and 18th centuries has been hailed by the president of the American Historical Association as a "brilliant synthesis of a highly complex society." Dr. Kammen is currently the Newton C. Farr Professor of American History and Culture and chairman of the Department of History at Cornell University.

Dr. Fritz K. Kneubühl, a native of Switzerland, was educated in that country and in Great Britain. In 1959 and 1960, he was a postdoctoral fellow in the Department of Physics at Johns Hopkins where he also was associated with Professor Walter S. Koski in the Department of Chemistry. Today, Dr. Kneubühl is professor of infrared physics in the Solid State Physics Laboratory of the Swiss Federal Institute of Technology, where he has developed a remarkably productive research group. One of the world's principal researchers in microwave and submillimeter radiation physics, he has especially pioneered in studying the physical and chemical effects of the longest wavelength laser on matter.

Dr. Seiichi Matsumoto, of Japan, received his medical training at Kyoto University. He was a postdoctoral fellow in 1961-62 in the Department of Pathobiology at the Johns Hopkins School of Hygiene and Public Health, where he studied the morphological development of viruses in cells using the recently developed techniques of electron microscopy. He undertook an exhausting search for rabies virus and its relationship to the diagnostic Negri body of the infected brain. In later years, he has become an authority on basic problems of rabies. Dr. Matsumoto is currently a professor in the Institute for Virus Research at Kyoto University.

Dr. Henry G. Schwartz received his undergraduate training at Princeton University and his medical degree from The Johns Hopkins University. In 1932 and 1933 he was a house officer in surgery at The Johns Hopkins Hospital. Dr. Schwartz was among the first neurosurgeons to record electric impulses from the surface of the brain and develop methods for control of pain in cancer. As head of neurosurgery for the past 28 years at the Washington University School of Medicine in St. Louis, he has had a profound influence on neurological research and practice in the United States. He is currently the August A. Busch Jr. Professor of Neurological Surgery at Washington University.

Dr. Milton Terris received his undergraduate degree from Columbia University and his medical training at New York University. In 1943-44, he did postdoctoral work at the Johns Hopkins School of Hygiene and Public Health, where he was awarded a Master of Public Health degree. There are few individuals who have contributed to so many diverse areas of concern in the field and practice of public health. He was among the first to realize the importance in gaining knowledge of the epidemiology of chronic diseases, and he was a pioneer in the study of the organization of health care services. A past president of the American Public Health Association, he is currently chairman of the Department of Community and Preventive Medicine at New York Medical College.

Dr. David Weatherall, a native of Great Britain, was trained at the University of Liverpool and from 1960 to 1962 was a fellow in the Department of Medicine at Johns Hopkins. Throughout his distinguished career his research has been devoted to gaining a better understanding of the basic abnormalities in certain diseases of the blood—especially thalassemia, which is a common medical problem in some parts of the world. Dr. Weatherall is currently the Nuffield Professor of Clinical Medicine at Oxford University, one of England's most prestigious medical posts.

CITATIONS FOR HONORARY DEGREES

Citation Read by

HARRY WOOLF

in Presenting

GREGORY BREIT

for the Degree of Doctor of Laws

May 21, 1976

Mr. President, it is most fitting that during this special year of celebration, The Johns Hopkins University should honor Gregory Breit, a man who has been called the greatest living physicist representative of the Hopkins name and tradition in that science.

After coming to this country from his native Russia, Dr. Breit earned a bachelor's, master's and doctor's degree at this institution, completing that sequence 55 years ago! He returned to Hopkins early in World War II to work on the proximity fuze that helped to shorten the war and bring victory to the Allied cause. Through personal friendships and professional contacts, he has maintained a closeness to this institution throughout his career.

In that career, which spans more than half the history of this University, Dr. Breit was the author or coauthor of more than 250 scientific papers. He also wrote much of, and edited all of one volume in the prestigious series, the *Handbuch der Physik*. This prodigious output prompted a remark by Nobel Laureate I. I. Rabi at a tribute to Dr. Breit when he retired from Yale eight years ago. Dr. Rabi said he hoped that Gregory would slow down a bit now; it was hard enough on his contemporaries to face this dedication to physics and the competition it meant, but for younger physicists, his formidable output was nothing less than intimidating.

Gregory Breit is one of the pioneers in nuclear physics in America, having contributed the basic ideas involved in nuclear resonance reactions and nucleon-nucleon interaction. Out of his theoretical studies have come applications of enormous practical importance. In the mid-1920's, working at the Carnegie Institution, he devised an experiment to investigate the existence of the then-postulated ionized layer of the earth's atmosphere. Working with Merle Tuve, another of Johns Hopkins' leading physicists, he proved the existence of the ionized layer in the upper atmosphere by using reflected radio signals. The design of these experiments allowed measurement of a fundamental constant of astrophysics—the electron density of the ionosphere. This was also a basic contribution to the development of radar.

Research in resonance scattering has been a tradition at Johns Hopkins from the time of the discovery of light scattering from a saturated sodium vapor. Dr. Breit, working with Eugene P. Wigner, developed the central theory for resonance scattering for nuclear interactions. The fundamental Breit-Wigner formula has been used to establish properties of many of the states of both nuclei and sub-nuclear systems. He also contributed to many technical developments during World War II without sacrifice of his own humane values, thereby establishing for physicists in America a focal point of conscience and concern.

For his long service to science and society, Dr. Breit has been awarded the Franklin Medal, the National Medal of Science and the Bonner Prize in Nuclear Physics from the American Physical Society. He is the only Hopkins-trained physicist to receive all three of these distinguished awards.

Mr. President, it is a privilege to welcome him back to Johns Hopkins today and to add to his well-deserved honors his fourth degree from this institution, the honorary Doctor of Laws.

Citation Read by

HARRY WOOLF

in Presenting

VIVIEN THOMAS

for the Degree of Doctor of Laws

May 21, 1976

Mr. President, it is with great pride that I present Vivien Thomas, a man who, in the finest tradition of medicine at Johns Hopkins, has richly enhanced the stature of the surgical technician.

Mr. Thomas' ambition when he entered college was to become a physician, but financial difficulties brought on by the crash of 1929 forced him to leave in his freshman year. By a fortunate circumstance, he then answered an advertisement for a laboratory assistant at the Vanderbilt University School of Medicine. He was hired for the job and went to work for a young surgeon named Alfred Blalock.

Dr. Blalock quickly recognized that Mr. Thomas had unusual skills, and taught him to carry out complex vascular and thoracic operations on laboratory animals. Mr. Thomas also learned to perform and to calculate the chemical determinations needed for experiments and to keep clear and precise protocols and records. His extraordinary manual skills became known throughout the school, and in short order, he earned a reputation as an outstanding surgical assistant and research associate, contributing ideas as well as operative and manipulative techniques.

When Dr. Blalock came to Johns Hopkins as chairman of the Department of Surgery in 1941, Mr. Thomas came with him. While the famous Hunterian Laboratory was nominally run by a member of the full-time staff, it was in fact run by Vivien Thomas under Dr. Blalock's direction.

During his years at Johns Hopkins, Mr. Thomas played a vital role in the training of many young surgeons, introducing them to the intricacies of experimental vascular surgery. Virtually every would-be surgeon who passed through Hopkins came under his watchful eye in the laboratory—Denton Cooley, Rollins Hanlon, and among our immediate colleagues, J. Alex Haller, and George Zuidema, to name but a few.

Perhaps the high point of Vivien Thomas' career came in November, 1944, when Dr. Blalock and Dr. Helen Taussig performed the first "blue baby" operation. Mr. Thomas had done much of the experimental work with animals that led to that historic moment, and he stood behind Dr. Blalock as the operation proceeded, offering suggestions and answering questions put to him by Dr. Blalock.

In 1969, a group of the "Old Hands"—former Halsted residents—decided to honor Mr. Thomas by having his portrait painted for presentation to the University and Hospital. At the formal presentation on February 27, 1971, the principal address was given by Dr. Hanlon, then director of the American College of Surgeons. In it, Dr. Hanlon said of Mr. Thomas: "From him I learned the valuable surgical lesson that experimental procedures which seemed nearly impossible to execute when first tried might ultimately be performed with ridiculous ease and economy of time and assistants, after the separate steps had been mastered fully. . . . Vivien Thomas was and is a technician in the finest sense of that term, as all well-rounded surgeons must be technicians." The portrait of Vivien Thomas hangs today in The Johns Hopkins Hospital beside that of Alfred Blalock.

Mr. President, it is a great pleasure to present Vivien Thomas for the degree of Doctor of Laws.

Citation Read by
HARRY WOOLF
in Presenting
DR. LEWIS THOMAS
for the Degree of Doctor of Laws
May 21, 1976

Mr. President, it is an honor to introduce Dr. Lewis Thomas, an outstanding leader of American medicine, an accomplished scientist and a humanist who has demonstrated repeatedly his concern for man's place in the biological world.

As president and chief executive officer of the Memorial Sloan-Kettering Cancer Institute in New York City, Dr. Thomas leads one of the world's foremost institutions in the field of cancer research. This is but the latest in a series of significant steps in his career—part of which was spent at Johns Hopkins—that has added much to our understanding of a variety of serious diseases that have long plagued mankind.

Soon after his graduation from Harvard Medical School in 1937, it became apparent that Dr. Thomas was not to be a physician in the conventional mold, for already emerging was a basic interest in the discovery of new knowledge. His research in meningitis at Harvard was interrupted by World War II service in the Naval Reserve, which in turn led to studies of encephalitis on Guam and Okinawa. After the war he joined the Johns Hopkins School of Medicine as assistant professor of pediatrics, and undertook research on rheumatic fever. He also served as director of the bacteriology laboratory at The Johns Hopkins Hospital.

A succession of research and teaching positions followed at Tulane University, the University of Minnesota, and the New York University Bellevue Medical Center, culminating in his appointment as dean of the New York University School of Medicine in 1966. He continued his research on rheumatic fever, and his experiments opened entirely new areas of inquiry into the means by which living things resist disease and injury, and into the effects of certain chemicals on body tissue.

In 1972, Dr. Thomas accepted the deanship of the Yale University School of Medicine. He also served as chairman of a National Academy of Sciences committee set up to evaluate the planned federal campaign authorized by the National Cancer Act. Early in the following year, he was offered the position he holds today at Sloan-Kettering, based primarily on the trustees' desire for a man of broad vision and wide-ranging scientific interests.

An entirely new dimension of Dr. Thomas' accomplishments emerged in 1974 when a collection of essays he had written over a period of several years was published in book form, titled *The Lives of a Cell*. It was reviewed favorably, won the 1975 National Book Award in the Arts and Letters category, and is still in heavy demand.

Dr. Thomas is a member or fellow of more than two dozen professional organizations, including the National Academy of Sciences, the American Academy of Arts and Sciences, the Institute of Medicine and the Association of American Physicians. He has served as a consultant to the Surgeon General of the United States, the Veterans Administration and the United States Public Health Service. He serves on the editorial boards of the *American Journal of Pathology*, the *Journal of Medicine and Philosophy*, among others.

Mr. President, it is a great pleasure to welcome Dr. Lewis Thomas back to Johns Hopkins for this centennial commencement, and to present him as a candidate for the degree of Doctor of Laws.

THE UNIVERSITY MACE

The University Mace carried by the Chief Marshal, Professor Richard A. Macksey, was first used at the 1954 Commemoration Day Exercises. Eight symbols are hand wrought in sterling silver on an ebony staff. The symbols represent man's cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

THE PRESIDENTIAL INSIGNIA

University President Steven Muller is wearing the Presidential Insignia signifying the authority vested in the President by the Board of Trustees. It is a chain of sterling silver links worn around the neck. Portraits of each of the ten Johns Hopkins University Presidents are engraved on the faces of ten of the links. On the reverse are engraved the names and dates of office of each President. Ten blank links for future use are included. The University Seal completes the design.

ACADEMIC DRESS

The custom of wearing academic dress stems from the Middle Ages, when scholars were also clerics and wore the costume of their monastic order. The hood was originally a cowl attached to the gown, which could be slipped over the head for warmth. The cap was originally round, but has changed to the varieties that we see today.

The gown varies for the respective degrees. The Bachelor's gown is worn closed and can be distinguished by its long, pointed sleeves. The Master's gown is designed to be open with the arms worn through the slits in the elbows of the sleeves. The Doctor's gown, also worn open, has full, bell-shaped sleeves with three horizontal bars stitched across the upper arm. There is a velvet panel draped around the neck and stitched down the front edges. This velvet trimming may be either black or the same color as the velvet border of the hood.

The hood also varies for the respective degrees. The Bachelor's and Master's hoods are of the same design, pointed at the base. The Bachelor's hood is three feet long; the Master's hood is three and one half feet long. The Doctor's hood is four feet long, of fuller shape and rounded at the base.

The hood is bordered with velvet, the color of which indicates the field of study in which the degree was earned:

Dark blue — Philosophy
Light blue — Education
Orange — Engineering
Gold-yellow — Science

Green — Medicine
Salmon pink — Public Health
Pink — Music
Purple — Laws

White — Arts and Letters

The silk lining of the hood represents the institution which granted the degree. If more than one degree is held, the gown and hood of the higher or highest degree is worn. The Johns Hopkins University has adopted an alternative costume to be used by all holding Johns Hopkins doctoral degrees, both earned and honorary. The costume consists of a gold robe with front and side panels in sable velvet and a six-sided Dutch academic cap with gold sweatband and tassel. The linings seen in today's academic procession may include:

Black, old gold chevron — Johns Hopkins
Light blue, white chevron — Columbia
Dark blue — Yale
Blue with white chevron — Duke
Dark blue, two orange chevrons — Illinois
Light blue, two white chevrons — North Carolina
Old gold, maroon chevron — Minnesota
Old gold — Iowa
Gold, blue chevron — California
Gold — Virginia
Purple, gold chevron — Northwestern

Purple — New York University
Bright red — Wisconsin
Plum, with scarlet — London
Maroon — Chicago
Crimson — Harvard
Carnelian, two white chevrons — Cornell
Cardinal — Stanford
Red, tri-chevron in center — Heidelberg
Dandelion yellow — Michigan
Maize, azure blue chevron — Sorbonne
Yellow and white — Rochester

THE UNIVERSITY MOTTO

Veritas vos liberabit.

The truth shall make you free.

—St. John 8:32

AWARDS

IN THE FACULTY OF ARTS AND SCIENCES

JULIUS HOFMANN AWARD
for graduate studies in German
Awarded to ROBERT OESTE

ERNEST M. MARKS AWARD
in recognition of excellence in instruction in Chemistry
Awarded to DENNIS PAUL CARROLL
RON CARTER ESTLER

C. RICHARD MARTIN AWARD
for outstanding work by a first or second year graduate student in Political Economy
Awarded to FRANCESCO CARAMAZZA

MATHEMATICAL SCIENCES AWARD
for outstanding achievement by an undergraduate
Awarded to MARK ALDRED SAPSFORD

PAUL A. MCCOY PRIZE
for the most distinguished Masters Essay in Political Science
Awarded to EILEEN ROSE POLLOCK

SARAH & ADOLPH ROSEMAN ACHIEVEMENT AWARD
in recognition of outstanding accomplishment in Chemistry
Awarded to PATRICK MOORE
DAVID SZALDA

ROBERT BRUCE ROULSTON PRIZE
for excellence in German
Awarded to WILLIAM GRADY DURDEN
PAUL ROBERT EBERLE

ROYAL SOCIETY OF ARTS SILVER MEDAL
for distinguished achievement by an undergraduate in the application
of art or science to the field of commerce or industry, and for
significant participation in student activities
Awarded to GERARD BERNARD OLSZEWSKI

JULIUS TURNER AWARD
for the most distinguished Senior Thesis in Political Science
Awarded to SALLY ANN SPENCER

IN THE EVENING COLLEGE

DELTA SIGMA PI SCHOLARSHIP KEY

in the Division of Administration and Business for the
highest average for the entire course

Awarded to THOMAS BOSWORTH HULCHER

EDWARD J. STEGMAN, C. P. A., MEMORIAL AWARD

in the Division of Administration and Business for
excellence in the study of accountancy

Awarded to LUTHER BURBANK HARRILL, JR.

WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD

in the Division of Administration and Business for outstanding scholarship
and exceptional promise of future success

Awarded to ALFRED DAVIES JOHNSON, JR.

IN THE FACULTY OF MEDICINE

HENRY STRONG DENISON SCHOLARSHIP

for excellence in biomedical research

Awarded to

ROBERT CARL CIARDULLO

OCTAVIO J. DE MARCHENA

MARC FRANK LIEBERMAN

JOHN WAYNE COWENS

JOHN ALBERT ENGERS III

KEITH MITCHELL SKUBITZ

KENNETH H. FISCHBECK, JR.

THE JOHNS HOPKINS MEDICAL SOCIETY STUDENT RESEARCH AWARD

Awarded to

MICHAEL EDWARD CHARNESS

RICHARD LAURENCE DOMBROFF

ANDREW PAUL FEINBERG

CIBA AWARD FOR OUTSTANDING COMMUNITY SERVICE

Awarded to EDWIN BROOKE KNIGHTS

IN THE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

WILLIAM C. FOSTER AWARD

to a second year student for sound scholarship and a record of leadership
and distinguished service to SAIS exemplary of the high qualities
of integrity, loyalty and ability admired in Mr. Foster

Awarded to PAUL LIEBENSON

CHRISTIAN A. HERTER FELLOWSHIP

to the member of the second-year class with the most outstanding
record during his first year

Awarded to MICHAEL WHITE

HONOR SOCIETIES

PHI BETA KAPPA

From the Junior Class in the Faculty of Arts and Sciences

MICHAEL JOSEPH ATTUBATO
EDWARD STUART BESSMAN
ROBERT HENRY BUTLER
ALFREDO LETELIER HOLT

PETER JAMES JACULLO, III
ALBERT H. JEANS
ALAN BRUCE KADET
SANDRA YUEN-POK LEE

SCOTT JEFFREY MELLIS
PHYLLIS BARBARA MOSES
ANDREW IAN RICHMAN
PATRICIA ANN SAVADEL

MITCHELL WAYNE SHAPIRO
PATRICIA SMITH
DAVID THOMAS SOWA
LUKE-JON TIERNEY
ARTHUR PERRY WINEMAN

From the Baccalaureate Candidates in the Faculty of Arts and Sciences

Elected as Juniors in 1974-1975

JOHN GORDON BORTZ
ROBERT LEOPOLD DANNER, JR.
MICHAEL HUDSON KATES
HILARY A. KESSEL

MARK ARTHUR KLEBANOFF
SUSAN ELIZABETH KOLB
MARY GERARD LYNCH
GARY CHARLES MARRONE

ROBERT GERALD MARSHALEK
GERARD BERNARD OLSZEWSKI
SCOTT ALAN REICHARD
JEFFREY MONCRIEFF SPEAR

CRAIG ARTHUR THOMPSON
JANET ANN TIGHE
DAVID OSCAR WILSON

Elected as Seniors in 1975-1976

ALDEN SHARP ADKINS
ANNE ELIZABETH ALLAN
BRUCE ROBERT BARTON
WILLIAM HENRY BEARDSLEY
JULIA ANN BOUBLITZ
DONALD EDWIN BUCHANAN
JOSEPH BUSCEMA
FRANK JAMES CARACCILO
ALFRED STANLEY CASALE, JR.
EDWARD TERENCE CHORY
AMRAM JOSEPH COHEN
ROBERT PAUL CORDONE
PAUL NICHOLAS DACKOW

JANICE DOUKAS
JOSEPH PAUL FALCO
LINDA MARY FRAZIER
RUTH CAROL FULTON
GREGORY JOHN GODLA
ROBERT RICHARD GOODMAN
DAVID JOSEPH GRAHAM
JOHNNY LLOYD HOLDREN
CHRISTIAN THOMSON IOSSO
ELLIOT ISRAEL
DAVID BARRY JOSEPH
ROBERT LLOYD LAWRENCE
KERRY SCOTT LE BENDER

DEBORAH RUTH LEBOW
GARY LEIFER
HILLEL LEVIN
ROSE FRANCES LIPSZIC
ROBERT LAZARUS MODLIN
NANCY EILEEN MOLL
THEODORE SHUSTER PABST III
DREW MARK PARDOLL
LOUIS JOSEPH PODRAZIK
JON MARC RHODS
GABRIELE VALERIA RONNETT
STEVEN IRA ROSENFELD
JACOB ROSENSTEIN

DAVID BRUCE ROSS
ROBERT PHILLIP RUBENS
DAN WAYNE SAWYER
STEPHEN ROBERT SELINGER
RISE SIEGAL
PATRICIA SOONG
SHARON LEE SPENCER
ELAINE VICTORIA STEPHANS
JEFFREY DAVID TARAGIN
ISHIK CEYLAN TUNA
PETER JAGIE YANG
ELAINE ZOBERMAN

From the Doctor of Medicine Candidates in the Faculty of Medicine

JULIE BLATT
DONALD ROSS BORDLEY

RICHARD HARLAN KAY

PETER JOHN WHITEHOUSE

JOHN STONE WOLFSON

From the Doctor of Philosophy Candidates in the Faculty of Arts and Sciences

LAWRENCE JOSEPH CAVAIOLA
CARL EUGENE CREUTZ

ROBERT GARY MUNCASTER

THOMAS JEROME SIENKEWICZ

MICHAEL SCOTT SWAFFORD

TAU BETA PI

THE NATIONAL ENGINEERING HONOR SOCIETY

From the Faculty of Arts and Sciences

PAUL NICHOLAS DACKOW
MICHAEL HUDSON KATES

GARY MICHAEL KISELEWICH

ROBERT GERALD MARSHALEK

LOUIS JOSEPH PODRAZIK

From the Evening College

HENRY EUGENE CARLSON
CARL HARRY FOGLER
CHARLES LOUIS HARTLOVE, JR.
JOSEPH FRANK HETMANSKI

THOMAS BLANTON MCCORD
BRIAN FREDERICK MEDCROFT
JOHN JAMES MORASKI
PHILIP VINCENT PIERORAZIO

LAURENCE FENBY RICHMOND, JR.
WILLIAM MARION ROBERTS
JOHN EDWARD ROSS
R. RICHARD SEUBERT

ALBERT JEFFREY SLACK
E. TIM STAMBAUGH
BRYAN JOHN STEWART
JAMES EDWARD WILLS, JR.

ALPHA OMEGA ALPHA

HONOR MEDICAL SOCIETY

From the Faculty of Medicine

RANDALL ALLEN AMMON
JULIE BLATT
DONALD ROSS BORDLEY
ROBERT CARL CIARDULLO
JILL ELLEN GOLDSTEIN

CLARE ANN HOCHREITER
RICHARD HARLAN KAY
LAWRENCE ELLIOT KLEIN
EDWIN BROOKE KNIGHTS
LINDA SUE KRELL

RAYMOND SHIRLEY MARTIN III
THOMAS ARTHUR PEARSON
ANNE MARIE RAUNIO
MICHAEL GREGORY SARR
TOM ANDREW SAYVETZ

ROBERT JAY SCHNEIDER
REBECCA W. VAN DYKE
ANDREW VAN TOSH
FRED MARTIN WEINBLATT
PETER JOHN WHITEHOUSE
JOHN STONE WOLFSON

HONORS

Baccalaureate Candidates in the Faculty of Arts and Sciences

Graduating with General Honors

ALDEN SHARP ADKINS
ANNE ELIZABETH ALLAN
STEVEN NOAH ALPER
EILEEN JANE AWE
ANDREW BRUCE BARNETT
GEORGE DON-LYNN BARNHART
RENATE W. BARTELS
BRUCE ROBERT BARTON
WILLIAM HENRY BEARDSLEY
CLAIRE ANN BENNETT
NATHAN GOLDAR BERGER
LLOYD DOUGLAS BERKOWITZ
JULIA ANN BOUBLITZ
JAMES FITZGERALD BROWN
LAWRENCE ARTHUR BROWN
FRANCIS CHARLES BRUNICARDI
DONALD EDWIN BUCHANAN
JOSEPH BUSCEMA
DONALD LEE BUTLER
FRANK JAMES CARACCILO
ALFRED STANLEY CASALE, JR.
TZEH PING LINDA CHI
EDWARD TERENCE CHORY
EDWARD LEO COCHRAN III
WILLIAM RUSSELL COCKE
AMRAM JOSEPH COHEN
JAMES EDWARD COMBER
ROBERT PAUL CORDONE
KIRK DEAN CYLUS
PAUL NICHOLAS DACKOW
ROBERT LEOPOLD DANNER, JR.
JONATHAN DAVID DAY
EDWARD LOUIS DE ROSIS
ELIZABETH ANN FAHS
CONARD FREDERICK FAILINGER III
JOSEPH PAUL FALCO
MARY S. FERLING
ALAN JEFFREY FINK
LINDA MARY FRAZIER
RUTH CAROL FULTON
DAVID GLASER
PAUL MARTIN GLEN
GREGORY JOHN GODLA
DAVID WILKES GOLDBERG
ROBERT RICHARD GOODMAN
JEFFREY DAVID GOULD
LINDA ANNE GRACE
DAVID JOSEPH GRAHAM
DAVID FRANK GREENBAUM
MARK GODESBLATT

J. MARK HANSEN
CHERYL ANN HINDES
JOHNNY LLOYD HOLDREN
DANIEL SANDOR HOLIK
CHRISTIAN THOMSON IOSO
ELLIOT ISRAEL
PETER JAMES JACULLO III
ERIK JAMES PETER JENSEN
DAVID BARRY JOSEPH
ANNE RIŠE KALB
MICHAEL HUDSON KATES
HILARY A. KESSEL
PAUL ANDREW KETTL
GARY MICHAEL KISELEWICH
MARK ARTHUR KLEBANOFF
SUSAN ELIZABETH KOLB
RONALD EVAN KRAMER
PAUL NEAL KROMBERG
GARY KEVIN LABARRE
PHILIP KA TAI LAU
ROBERT LLOYD LAWRENCE
KERRY SCOTT LE BENDER
DEBORAH RUTH LEBOW
SANDRA YUEN-POK LEE
GARY LEIFER
HILLEL LEVIN
ROBERT JAY LIPNICK
ROSE FRANCES LIPSZIC
ANGELO MICHAEL LOBOSCO
HERBERT NELSON LOVELESS
CHARLES ALBERT LUNN
MARY GERARD LYNCH
GARY CHARLES MARRONE
ROBERT GERALD MARSHALEK
RICHARD BLISS MARTELL
MAURICE ROBERT MATHIS
ERIC E. MAURER
SHERYL ANNE MILLER
CARLOS T. MOCK
ROBERT LAZARUS MODLIN
NANCY EILEEN MOLL
KATHLEEN MARIE MONTOUR
MICHAEL MORAN
ROBERT JEFFREY MOSES
D'ARCY A. R. MYJER
VICTORIA CARLA DONATO NEAVE
NIGEL ROBERT OGILVIE
ARTHUR FRANCIS O'KEEFE
TIMOTHY JON OLDFIELD
GERARD BERNARD OLSZEWSKI

THEODORE SHUSTER PABST III
WAYNE THOMAS PANULLO
ALBERT THOMAS PEDRONI, JR.
JEFFREY HOWARD PERLMAN
LYNETTE MICHELLE PHILLIPS
LOUIS JOSEPH PODRAZIK
BERTHA EVA POLIN
JEFFREY NEIL POSNER
VINCENT JAMES QUAGLIARELLO
CYNTHIA LYNN RALPH
SCOTT ALAN REICHARD
JON MARC RHOADS
MICHAEL PAUL RICHMAN
STEPHEN E. ROESCH
GABRIELE VALERIA RONNETT
MELISSA L. ROSADO
STEVEN IRA ROSENFELD
JACOB ROSENSTEIN
DAVID BRUCE ROSS
MICHAEL REIFF ROSS
ROBERT PHILLIP RUBENS
MARK ALDRED SAPSFORD
DAN WAYNE SAWYER
DEBBIE SUE SCHRON
GEORGE COYLE SCOTT
STEPHEN ROBERT SELINGER
JODY ROBIN SHIFFMAN
MARK STRATTON SMITH
PATRICIA SOONG
JEFFREY MONCRIEFF SPEAR
SALLY ANN SPENCER
SHARON LEE SPENCER
ELAINE VICTORIA STEPHANS
CHARLENE JUNE SUOJANEN
JEFFREY DAVID TARAGIN
CRAIG ARTHUR THOMPSON
ROBERT BRUCE THORNE
JANET ANN TIGHE
ALBERT GERARD TRAMPOSCH
ISHIK CEYLAN TUNA
DAVID ALAN VANKO
MARTA MARIE VIELHABER
JOSEPH DAVID WACHSPRESS
JERRY WARREN WEINER
SUSAN TONKONOGY WERTHEIMER
FRANCIS LEONARD WIEGMANN, JR.
DAVID OSCAR WILSON
ARTHUR PERRY WINEMAN
MARIANNE MCGARRY WOLF
PETER JAGIE YANG
ELAINE ZOBERMAN

Baccalaureate Candidates in the Faculty of Arts and Sciences

Graduating with Departmental Honors

ALDEN SHARP ADKINS
MEHTAP FATMA ATAGÜN
EILEEN JANE AWE
BENNETT JOSEPH BACON
WILLIAM HENRY BEARDSLEY
CLAIRE ANN BENNETT
FREDERIC ELIOT BERMAN
DONALD EDWIN BUCHANAN
FRANK JAMES CARACCILO
EDWARD LEO COCHRAN III
ROBERT PAUL CORDONE
DEBORAH JEAN CORINGRATO
CATHERINE PATRICIA CRAMER
PAUL NICHOLAS DACKOW
ROBERT LEOPOLD DANNER, JR.
JONATHAN DAVID DAY
JAY SAMUEL EDELMAN
ELIZABETH ANN FAHS
STUART MICHAEL FINK
RUTH CAROL FULTON

PATTI DIANE GILMAN
DAVID GLASER
GREGORY JOHN GODLA
LINDA ANNE GRACE
CHERYL ANN HINDES
JOHNNY LLOYD HOLDREN
DANIEL SANDOR HOLIK
MICHAEL HUDSON KATES
HILARY A. KESSEL
PAUL ANDREW KETTL
PETER KROLL
PAUL NEAL KROMBERG
SANDRA YUEN-POK LEE
ANGELO MICHAEL LOBOSCO
CHARLES ALBERT LUNN
GARY CHARLES MARRONE
ROBERT GERALD MARSHALEK
KATHLEEN MARIE MONTOUR
D'ARCY A. R. MYJER
JOHN LINCOLN NEWMAN

JANE LEAH NUSSBAUM
ARTHUR FRANCIS O'KEEFE
TIMOTHY JON OLDFIELD
GERARD BERNARD OLSZEWSKI
LOUIS JOSEPH PODRAZIK
DANIEL JONATHAN PRICE
MICHAEL REIFF ROSS
MARK ALDRED SAPSFORD
JODY ROBIN SHIFFMAN
SALLY ANN SPENCER
SHARON LEE SPENCER
ELAINE VICTORIA STEPHANS
CHARLENE JUNE SUOJANEN
CRAIG ARTHUR THOMPSON
JANET ANN TIGHE
DAVID ALAN VANKO
FRANCIS LEONARD WIEGMANN, JR.
ARTHUR PERRY WINEMAN
MARIANNE MCGARRY WOLF

Baccalaureate Candidates in The Evening College

Graduating with Honors

IRVING AARON BREITOWITZ
HENRY EUGENE CARLSON
WILLIAM ELLIS
CARL HARRY FOGLER
PATRICIA CATHERINE FORD
ROBERTA ANNE GOLDEN

CHARLES LOUIS HARTLOVE, JR.
JOSEPH FRANK HETMANSKI
THOMAS BOSWORTH HULCHER
ALFRED DAVIES JOHNSON, JR.
NANCY NORMAN LEONARD
GEOFFREY KEYES MUDGE

CHARLES LEE ORR
LOUIS CARMELO ORTEGA
WILLIAM MARION ROBERTS
URSULA ADELE SCHEFFEL
E. TIM STAMBAUGH
BRYAN JOHN STEWART

CANDIDATES FOR DEGREES

As of May 11, 1976

BACHELORS OF ARTS

in the Faculty of Arts and Sciences

ALDEN SHARP ADKINS, of Easton, Md.
GERALD THOMAS AITKEN, of Armonk, N. Y.
MICHAEL BOLADE AKERELE, of Lagos, Nigeria
KEVIN WILLIAM ALEXANDER, of Washington, D. C.
GARY LOUIS ALKER, of Baltimore, Md.
ANNE ELIZABETH ALLAN, of Wilmington, Del.
STEVEN NOAH ALPER, of Wilmington, N. C.
ANTHONY ALBERT ANDERSON, of Amityville, N. Y.
LINDA JOAN ANDREWS, of Cincinnati, Ohio
GEORGE NICHOLAS ANTONIADES, of White Plains, N. Y.
DENNIS ANTHONY AQUINO, of Bronx, N. Y.
MEHTAP FATMA ATAGÜN, of Owings Mills, Md.
EILEEN JANE AWE, of Garden City, N. Y.
ANDREA AXMAN, of Baltimore, Md.
BENNETT JOSEPH BACON, of Leesburg, Va.
PEARL AMY BADER, of New York, N. Y.
GEORGE BAETJER, of Stevenson, Md.
GRADY BARNES III, of Norwalk, Conn.
ANDREW BRUCE BARNETT, of Great Neck, N. Y.
GEORGE DON-LYNN BARNHART, of Randallstown, Md.
HAROLD ISAAC BARR, of Baltimore, Md.
PETER DAVID BARROW, of Annapolis, Md.
RENAE W. BARTELS, of Baltimore, Md.
JON ALBERT BARTLETT, of Baltimore, Md.
BRUCE ROBERT BARTON, of Commack, N. Y.
DONNA LYNNE BAXTER, of Berkeley, Calif.
WILLIAM HENRY BEARDSLEY, of Norristown, Pa.
LOUIS MARTIN BELL, Jr., of Towson, Md.
WALTER L. BENDER, Jr., of St. Louis, Mo.
CLAIRE ANN BENNETT, of Bethesda, Md.
BERYL LEONE BENTLEY, of Baltimore, Md.
JEFFREY G. BENTON, of Baltimore, Md.
JAY STEVEN BERGER, of Providence, R. I.
NATHAN GOLDAR BERGER, of Narberth, Pa.
LLOYD DOUGLAS BERKOWITZ, of Commack, N. Y.
FREDERIC ELIOT BERMAN, of New York, N. Y.
ELLEN LYNNE BERNHARD, of Baltimore, Md.
WILLIAM JOSEPH BIRMINGHAM, of Towson, Md.
MICHAEL HUGH BLOCH, of Colonial Heights, Va.
ILENE FRAN BLOCK, of Highland Park, Ill.

JOACHIM BLUNCK, of Oakland, N. J.
MARK STANLEY BOGUSKI, of Philadelphia, Pa.
JOHN KEVIN BOJARSKI, of Erie, Pa.
SAUNDRA JOANNE BOND, of Baltimore, Md.
IRVIN MARK BONDER, of Rockaway, N. J.
MARK RINALDO JOHN BORSI, of Convent Station, N. J.
JOHN GORDON BORTZ, of Massapequa, N. Y.
FREDERICK GEORGE BOTTI, of Baltimore, Md.
JULIA ANN BOUBLITZ, of Baltimore, Md.
LESLIE JEANNE BOWMAN, of Ruxton, Md.
JASON BRAJER, of Elkins Park, Pa.
EDMUNDS JAZEPS BROKANS, of Harrisburg, Pa.
ABRAHAM JAY BRONNER, of New York, N. Y.
JAMES FITZGERALD BROWN, of Bergenfield, N. J.
LAWRENCE ARTHUR BROWN, of Silver Spring, Md.
FRANCIS CHARLES BRUNICARDI, of North Plainfield, N. J.
PAULA JEAN BRYAN, of Camp Hill, Pa.
DONALD EDWIN BUCHANAN, of Odenton, Md.
JACK FRANCIS BUKOWSKI, of Ramsey, N. J.
JOSEPH BUSCEMA, of Wyckoff, N. J.
JANICE KAREN BUSH, of Monroeville, Ala.
DONALD LEE BUTLER, of Gettysburg, Pa.
JOHN MARK CAFFREY, of Wappingers Falls, N. Y.
TIMOTHY EDWARD CAFFREY, of Berkeley Heights, N. J.
JAMES ALOYSIUS CAHILL III, of Towson, Md.
CAROL VICTORIA CALHOUN, of Wooster, Ohio
BRUCE EDWARD CAMPBELL, of Big Flats, N. Y.
FRANK JAMES CARACCILO, of Schenectady, N. Y.
JONELLE ANTOINETTE CARTER, of Baltimore, Md.
W. SETH CARUS, of Baltimore, Md.
ALFRED STANLEY CASALE, Jr., of Bayonne, N. J.
EDWARD JOSEPH CASEY, of Attleboro, Mass.
BRUCE MARTIN CAZENAVE, of New Orleans, La.
PAMELA ANITA CHEVERS, of Richmond Hill, N. Y.
TZEHPING LINDA CHI, of Abilene, Texas
EDWARD TERENCE CHORY, of Elizabeth, N. J.
JOHN FRANCIS CHUDACEK, of Norfolk, Va.
THOMAS MICHAEL CIRILLO, of Bay Shore, N. Y.
EDWARD LEO COCHRAN III, of Clarksville, Md.
WILLIAM RUSSELL COCKE, of Baltimore, Md.

JOHN TAYLOR COCKERHAM, of Springfield, Va.
 BARTON MERRICK COCKEY, of Timonium, Md.
 AMRAM JOSEPH COHEN, of Silver Spring, Md.
 MICHAEL ROBIN COLLINS, of Uniondale, N. Y.
 JAMES EDWARD COMBER, of Baltimore, Md.
 DAVID JOHN CONNITO, of Saddle River, N. J.
 STEPHEN H. CONNOLLY, of Crofton, Md.
 LEIGH ANN COON, of Rochester, N. Y.
 MARYANN COONEY, of Hicksville, N. Y.
 LYNETTE LOMBARDI COOPER, of Port Jefferson, N. Y.
 ROBERT PAUL CORDONE, of New City, N. Y.
 DEBORAH JEAN CORINGRATO, of Baltimore, Md.
 CATHERINE PATRICIA CRAMER, of San Marino, Calif.
 FRANK MATTHEWS CUNAT, of Buffalo, N. Y.
 ALEXANDER R. CURIO, of Vineland, N. J.
 JUDY CAROL CURRY, of Marley Park, Glen Burnie, Md.
 KIRK DEAN CYLUS, of Pikesville, Md.
 ROBERT JOHN D'AGOSTINI, Jr., of Maplewood, N. J.
 ROBERT FRANCIS DANNALS, of Dix Hills, Long Island, N. Y.
 ROBERT LEOPOLD DANNER, Jr., of Florida, N. Y.
 MICHELLE PAM DANOFF, of Englewood, N. J.
 RANDALL JAY DASE, of Towson, Md.
 NORMAN BRADFORD DAVIS, Jr., of Silver Spring, Md.
 JONATHAN DAVID DAY, of Indiana, Pa.
 JACK IRA DECKELBAUM, of Pikesville, Md.
 EDWARD LOUIS DE ROSIS, of Riverdale, Bronx, N. Y.
 MARSHALL M. DESANTIS, of Amarillo, Texas
 MICHAEL JOHN DEVIVO, of Charlotte, N. C.
 MANUEL ALFREDO DÍAZ, of Placetas, Cuba
 ROBERT JAY DILGER, of Wolcott, Conn.
 JOHN MARK DILLMAN, of Delaware, Ohio
 MARIA TERESA DI PASQUALE, of Baltimore, Md.
 STEPHEN THADDEUS DOBOSIEWICZ, of North East, Pa.
 ANDREW JACKSON DONELSON, Jr., of Clearwater, Fla.
 VIRGINIA MARILYN DONOVAN, of East Northport, N. Y.
 HARTWELL FREDERICK DOWLING, Jr., of Camden, Maine.
 JAMES STEPHEN DUFFY, Jr., of Linthicum Heights, Md.
 JAY SAMUEL EDELMAN, of Ventnor City, N. J.
 JONATHAN MIDDLETON EDWARDS, of Bradshaw, Md.
 DANITA ELLEN EICHENLAUB, of Baltimore, Md.
 MONICA HELEN EISEMAN, of Bellevue, Wash.
 OLIVER EVERITT ELBERT, of Dobbs Ferry, N. Y.
 DAVID LESLIE ETHRIDGE, of Bel Air, Md.
 LESLIE ANN FAGADAU, of Dallas, Texas
 ELIZABETH ANN FAHS, of Wilmington, Del.
 CONARD FREDERICK FAILINGER III, of Towson, Md.
 JOSEPH PAUL FALCO, of Shoreham, N. Y.
 JOHN MICHAEL FEDACK, of Rockville, Md.
 BEVERLY E. FEIGEN, of Los Angeles, Calif.
 LAURA L. FEIGIN, of Westport, Conn.
 JOANN MARLA FELDMAN, of Framingham, Mass.
 FRANK NEIL FELDMANN, of North Bellmore, N. Y.
 DREW SHAFFER FENDER, of Havre de Grace, Md.
 MARK WESLEY FENN, of Greenwich, Conn.
 MARY S. FERLING, of Bloomington, Ind.
 RHONDA SUE FINE, of Baltimore, Md.
 ALAN JEFFREY FINK, of Baltimore, Md.
 STUART MICHAEL FINK, of Baltimore, Md.
 DAVID RONALD FISHKIN, of Oxon Hill, Md.
 RODNEY SEVERIN FLOREK, of Metairie, La.
 DAVID MARCHAND FLOWERS, of Wyomissing, Pa.
 FORREST OSBORNE FOREMAN, of Springfield, Va.
 RICHARD FORMICA, of Bay Shore, N. Y.
 LINDA MARY FRAZIER, of Finksburg, Md., A. A. Catonsville
 Community College, 1973.
 MARTIN CHARLES FRENCH, of Baltimore, Md.
 RICHARD ALAN FRIEND, of Wichita, Kans.
 ROBERT WOOD GUTHRIE FU, of Maplewood, N. J.
 ROBERT NEIL FUHRMAN, of Moorestown, N. J.
 RUTH CAROL FULTON, of Baltimore, Md.
 LEONARD ISAAC GARFINKEL, of Baltimore, Md.
 STEPHEN AUBREY GASQUE, of Myrtle Beach, S. C.
 JESSE MARTIN GERSON, of Philadelphia, Pa.
 RONALD LEWIS GILBRIDE, of Omaha, Nebr.
 PATTI DIANE GILMAN, of Catonsville, Md.
 DAVID GLASER, of Baltimore, Md.
 BEN JAMES GLASGOW, of Jackson, Mich.
 PAUL MARTIN GLEN, of Toledo, Ohio
 ALEXANDER IVES GLOGAU, of River Vale, N. J.
 GREGORY JOHN GODLA, of Perryopolis, Pa.
 DAVID WILKES GOLDBERG, of La Jolla, Calif.
 JAN LOUISE GOLDBERG, of Silver Spring, Md.
 ROBERT GOODMAN GOLDFARB, of Bryn Mawr, Pa.
 ELLEN IRIS GOLDMAN, of Lynbrook, N. Y.
 RICHARD ALAN GOLDMAN, of West Hempstead, N. Y.
 MARTIN JULIAN GOLDSMITH, of Cleveland, Ohio
 JAY SAMUEL GOODGOLD, of New York, N. Y.
 ROBERT RICHARD GOODMAN, of Schenectady, N. Y.
 BENJAMIN DANIEL GORTON, of Closter, N. J.
 JEFFREY DAVID GOULD, of Edison, N. J.
 LINDA ANNE GRACE, of Oneonta, N. Y.
 DAVID JOSEPH GRAHAM, of Randolph Township, N. J.
 RICHARD MCCURDY GRANDIN, Jr., of Bronxville, N. Y.
 JERRY KIRKLAND GRANT, of Cali, Colombia, S. A.
 SANDRA LOMBARDO GRAY, of Pembroke Pines, Fla.
 ANDREW EPHRAIM GREEN, of Manhasset, N. Y.
 SCOTT M. GREEN, of Lincolnwood, Ill.
 DAVID FRANK GREENBAUM, of Wynnwood, Pa.
 JONATHAN SETH GREENHILL, of Rye, N. Y.
 EDWARD JOSEPH GRIFFIN, Jr., of Mount Airy, Md.
 JOYCE ARLYSE GRIFFIN, of Washington, D. C.
 MARK GUESBLATT, of New Hyde Park, N. Y.
 LOUIS HAROLD GUERNSEY, Jr., of Philadelphia, Pa.
 MARY ALICE HAHALYAK, of Pittsburgh, Pa.
 EMERSON RANDOLPH HALL, Jr., of Philadelphia, Pa.
 CRAIG ALLEN HANKIN, of Silver Spring, Md.
 DAVID BURRIS HANLEY, of Baltimore, Md.
 ROBERT WALTER HANNAH, of Baltimore, Md.
 J. MARK HANSEN, of San Antonio, Texas
 WILLIAM ARTHUR HARDMAN, of Cranford, N. J.
 SUSAN SIGRID HARTMAN, of Bogota, N. J.
 DAVID KERR HEASLEY, of Towson, Md.
 RONALD HERZFELD, of Edison, N. J.
 FRANK LESLIE HEWLETT III, of New Castle, Del.
 BRUCE WILLIAM HEYL, of Gainesville, Fla.
 SUSAN JEAN HILLEBRENNER, of Staten Island, N. Y.
 CHERYL ANN HINDES, of Baltimore, Md.
 JONATHAN HIRSCHHORN, of Roslyn Estates, N. Y.
 DAVID STEWART HODGES, of Haddonfield, N. J.
 JOHNNY LLOYD HOLDREN, of Hampton, Va.

DANIEL SANDOR HOLIK, of Columbia, Mo.
 DWIGHT ALLAN HOLMBERG, of Wellesley, Mass.
 LEWIS RANDOLPH HOOD, Jr., of Baltimore, Md.
 LAWRENCE F. HOWE, of Wilmington, Mass.
 STUART SESSIONS HUTCHINS, of Baltimore, Md.
 MARK WILLIAM HYLIND, of Bethesda, Md.
 JOSEPH PETER ILVENTO, of Jersey City, N. J.
 GAIL DEBI INGBER, of Marblehead, Mass.
 ALLAN PHILLIP INGENITO, of Kearny, N. J.
 CHRISTIAN THOMSON IOSO, of New Providence, N. J.
 ROBERT DAVID ISAACS, of Baltimore, Md.
 ELLIOT ISRAEL, of Brooklyn, N. Y.
 PETER JAMES JACULLO III, of Emerson, N. J.
 STUART JOEL JAFFE, of Baltimore, Md.
 MARGARET MARY JAKO, of Baltimore, Md., A. A. Community College of Baltimore, 1973.
 STANLEY DAVID JANOR, of New Kensington, Pa.
 SANDRA VANESSA JEFFERSON, of Hillcrest Heights, Md.
 JOHN FRANCIS JERABECK III, of Stamford, Conn.
 RUSSELL PAUL JOBARIS, of Chicago, Ill.
 LESLIE FARRINGTON JONES, of New York, N. Y.
 WILLIAM PAUL JONES, of Dundalk, Md.
 SALVATORE ANTHONY JORDAN, of Baltimore, Md.
 DAVID BARRY JOSEPH, of Milwaukee, Wis.
 ANNE RISÉ KALB, of Garden City, N. Y.
 JEFFREY DAVID KASHIN, of Clarence, N. Y.
 GEORGE DREW KECKEISEN, of Plainview, N. Y.
 STEPHEN CHARLES KEEBLE, of Southampton, Pa.
 SUSAN DIANE KEECH, of York, Pa.
 MARY STEWART KELLY, of Baltimore, Md.
 HILARY A. KESSEL, of Baltimore, Md.
 PAUL ANDREW KETTL, of York, Pa.
 MARK ARTHUR KLEBANOFF, of Yonkers, N. Y.
 HARRY LINWOOD KOGELSCHATZ, of Baltimore, Md.
 DALE WILLIAM KOHLER, of Towson, Md.
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 RONALD EVAN KRAMER, of Pittsburgh, Pa.
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 DANTE LANDO LANDUCCI, of Jenkintown, Pa.
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 JEANNE LOUISE LANGDON, of Englewood, N. J., A. A. Pine Manor Junior College, 1974.
 GREGORY BUEL LANPHER, of Falls Church, Va.
 MARY ANN LARKIN, of Collingswood, N. J.
 PHILIP KA TAI LAU, of Bangkok, Thailand
 JOHN ROBERT LAUBACH, of Baltimore, Md.
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 College of Baltimore, 1971.
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 CHARLENE JUNE SUOJANEN, of North Palm Beach, Fla.
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 GARY THOMAS SWIMMER, of White Plains, N. Y.
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 N. Y.
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 PETER JAGIE YANG, of Stony Brook, N. Y.
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 DONALD JAMES ZIMMERMAN, of Baltimore, Md., A. A.
 Catonsville Community College, 1974.
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 SUSAN CLARK LOUFT, of Denver, Colo., B.A. Randolph-Macon Woman's College, 1964.
 MARK LOVE, of Baltimore, Md., B.A. The Johns Hopkins University, 1973.

LINDA FRANCES MCCAIG, of Baltimore, Md., B. S. The University of Maryland, 1972.
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 ROBERT NEIL HOLMBERG, of Kingsville, Md., A.S. The Johns Hopkins University, 1973.
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 KATHLEEN THERESA HUESMAN, of Baltimore, Md.
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 WAYNE THOMAS KACZMARKIEWICZ, of Westminster, Md.
 DAVID KATZ, of Baltimore, Md.
 SUNG DAI KIM, of Baltimore, Md.
 KRISTY ANNE KOCH, of Timonium, Md.
 ALBERT KARL KRANNEBITTER, of Baltimore, Md.
 ADRIAN FRANCIS KUTZ, of Baltimore, Md.
 ANASTASIA SOULA LAMBROPOULOS, of Baltimore, Md.
 PATSY GADD LARRIMORE, of Linthicum, Md.
 EDWARD HORACE LAUTTMAN, Jr., of Baltimore, Md.
 JOHN KENNETH LAYNE, of Randallstown, Md.
 NANCY NORMAN LEONARD, of New Windsor, Md.
 RONALD RALPH LIGHTINGER, of Baltimore, Md.
 PATRICIA CLOUSE MACGEORGE, of Cockeysville, Md.
 DANIEL ANTHONY MALCZEWSKI, of Shrewsbury, Pa.
 MELVIN G. MARTIN, of Fallston, Md.
 JOAN MERLENE MONCHAK, of Baltimore, Md.
 CHARLES RICHARD MORSEY, of Glen Burnie, Md.
 DANIEL MOSHENBERG, of Baltimore, Md.
 TOBIA HINDA MOWER, of Baltimore, Md.
 GEOFFREY KEYES MUDGE, of Baltimore, Md.
 PATRICK MICHAEL MURPHY, of Finksburg, Md.
 LILLIAN PROSAK NICHOLS, of Phoenix, Md.
 DENIS MICHAEL O'BRIEN, of Baltimore, Md., A.A. The Johns Hopkins University, 1974.
 CHARLES LEE ORR, of Reisterstown, Md.
 LOUIS CARMELO ORTEGA, of Reisterstown, Md.
 PRISCILLA LEE PARHAM, of Baltimore, Md.
 ANITA FAYE PARTON, of Reisterstown, Md.
 SUSAN LEA PENNINGTON, of Baltimore, Md.
 BEN HILL PERRY, of Baltimore, Md.
 CHARLES PHILLIP PETROFF, of Baltimore, Md.
 ANNABELL JANSSEN PIERCE, of Columbia, Md.
 ALICE LOUISE PLATT, of Baltimore, Md.
 GARY ALLEN PRISE, of Westminster, Md.
 KENNETH WILBUR RIPPPEL, of Baltimore, Md.
 MARY JANE RUBLE, of Baltimore, Md.
 PEDRO PANGAN SANGALANG, of Glen Burnie, Md.
 URSULA ADELE SCHEFFEL, of Baltimore, Md.
 MARILYN LEUTHOLD SCHRAMM, of Baltimore, Md.
 HOPE ODENWALLER WAY SCHROEDER, of Cockeysville, Md.
 ALEXIS NEWMAN SCHWARTZ, Jr., of Baltimore, Md.
 RICHARD EUGENE SEIFERT, of Westminster, Md.
 CARROLL EDWARD SEWARD, of Baltimore, Md.

ROBERT ELLSWORTH SHAW, JR., of Bel Air, Md.
 MARGUERITE PEARL DUSHEL SHIRK, of Baltimore, Md.
 ARLYN SINGER, of Randallstown, Md.
 BEVERLY SCHILLACI SMITH, of Baltimore, Md.
 DIXIE LEE SPEARE, of Columbia, Md.
 FRED JOHN STACIAROWSKI, of Baltimore, Md.
 HOWARD BENJAMIN STITLEY, of Baltimore, Md.
 JOSEPH MICHAEL SZCZESNAKOWSKI, of Baltimore, Md.
 ADENA WRIGHT TESTA, of Baltimore, Md.

JOHN FRANCIS THOMAS III, of Pasadena, Md.
 CHARLES ELMER THOMPSON, of Baltimore, Md.
 FRANK STEPHEN TYMINSKI, of Stewartstown, Pa., A. A. The
 Johns Hopkins University, 1973.
 MICHAEL ROGER WHALEN, of Glen Burnie, Md., A. S. The
 Johns Hopkins University, 1974.
 ROBERT DAVID WILLIAMS, of Baltimore, Md.
 BARBARA HOFFHINES YELLOTT, of Ruxton, Md.
 LIDIA CALIGA ZOLINSKI, of Baltimore, Md.

BACHELORS OF SCIENCE IN ENGINEERING

in The Evening College

JOHN GODFRED ARBAUGH, of Baltimore, Md.
 WILLIAM NICHOLAS BAFITIS, of Baltimore, Md.
 TIMOTHY DEWAR BAKER, of Baltimore, Md., A. S. The Johns
 Hopkins University, 1974.
 CHRISTINE JOANNA BENOWSKY, of Baltimore, Md.
 GREGORY JOHN BOEGNER, of Baltimore, Md., A. S. The Johns
 Hopkins University, 1974.
 STANLEY BOGASH, of Reisterstown, Md.
 JOHN W. CAMMACK, of Laurel, Md.
 ALLEN SCOTT CAPLES, of Baltimore, Md.
 HENRY EUGENE CARLSON, of Glen Burnie, Md.
 JAMES RICHARD CHESNEY, of Glen Burnie, Md.
 WILLIAM CLARENCE CORKRAN, JR., of Baltimore, Md.
 DONALD CHARLES CULVER, of Baltimore, Md., A. S. The
 Johns Hopkins University, 1972.
 ROSARIO DI MARCO, of Baltimore, Md.
 EDWARD WALTER DISHMAN, of Ferndale, Md.
 JOSEPH GERARD DOBRY, of Baltimore, Md., A. S. The Johns
 Hopkins University, 1972.
 WILLIAM JOHN DURKIN, of Baltimore, Md.
 JOHN H. EICK, JR., of Columbia, Md.
 JOHN WESLEY ELY, JR., of Baltimore, Md., A. S. The Johns
 Hopkins University, 1973.
 WILLIAM RICHARD FEDEL, of Baltimore, Md.
 CARL HARRY FOGLER, of Baltimore, Md.
 WILLIAM ANDERSEN GIESEKING, of Baltimore, Md.
 STANLEY DONALD GOLDSBOROUGH, of Baltimore, Md., A. S.
 The Johns Hopkins University, 1974.
 PAUL MICHAEL GRIFFIN, JR., of Cockeysville, Md.
 DAVID R. HALL, of Bel Air, Md.
 ARCHIBALD LAWDER HARSHAW, JR., of Severn, Md.
 CHARLES LOUIS HARTLOVE, JR., of Baltimore, Md., A. S. The
 Johns Hopkins University, 1973.
 PRESTON WARFEL HARTMANN, JR., of Reisterstown, Md., A. S.
 The Johns Hopkins University, 1973.
 JOSEPH FRANK HETMANSKI, of Baltimore, Md.
 ROBERT LEWIS HIBBERT, of Millersville, Md.
 RICHARD CARLTON HOLLINGER, of York, Pa.
 JOHN IWAN KORZ, of Ellicott City, Md.
 FRANK JOHN KUSIAK, JR., of Baltimore, Md., A. S. The Johns
 Hopkins University, 1973.

DAVID EARL LANZER, of Baltimore, Md.
 AMOS HUTCHINSON LUCAS, JR., of Baltimore, Md.
 SARVOTTAM SANATKUMAR MAJUMDAR, of Baltimore, Md.
 JAMES NEIL MAZZONI, of Ellicott City, Md.
 THOMAS BLANTON MCCORD, of Baltimore, Md.
 JAMES EDWARD MCGONIGLE, of Hampstead, Md., A. S. The
 Johns Hopkins University, 1974.
 JOSEPH WILLIAM MCGRAW, JR., of Baltimore, Md.
 BRIAN FREDERICK MEDCROFT, of Baltimore, Md.
 YOGESH PUNJALAL MEHTA, of Baltimore, Md.
 JOHN JAMES MORASKI, of Baltimore, Md.
 ROBERT WINKLER MORSBERGER, of Westminster, Md.
 RICHARD BOYD MURRAY, of Churchville, Md.
 LEONARD AUBREY PARRISH, of Forest Hill, Md.
 DAVID JONATHAN PARSLEY, of Baltimore, Md.
 THOMAS WARREN PEISTER, of Baltimore, Md., B. S. E. The
 Johns Hopkins University, 1974.
 PHILIP VINCENT PIERORAZIO, of Baltimore, Md., A. S. The
 Johns Hopkins University, 1974.
 FRANCIS JAMES PILARSKI, of Baltimore, Md.
 IRVIN HOWARD REEB, JR., of Baltimore, Md.
 LAURENCE FENBY RICHMOND, JR., of Baltimore, Md.
 GUY ALFRED RITTERMAN, of Pasadena, Md.
 WILLIAM MARION ROBERTS, of Aberdeen, Md.
 LEMUEL MCKENLEY ROBERTSON, of Baltimore, Md.
 JOHN EDWARD ROSS, of Baltimore, Md.
 JOSEPH MURRAY ROUSE, of Aberdeen, Md.
 JOEL BARRY SCHNEIDER, of Randallstown, Md.
 R. RICHARD SEUBERT, of Baltimore, Md.
 RAYMOND MELVIN SIMPSON, JR., of New Freedom, Pa.
 ALBERT JEFFREY SLACK, of Baltimore, Md.
 THOMAS WALTER STACHOWSKI, of Baltimore, Md.
 E. TIM STAMBAUGH, of Manchester, Pa.
 DAVID WALTER STEVENS, of Lutherville, Md.
 BRYAN JOHN STEWART, of Reisterstown, Md.
 WILLIAM BERNARD WEINTRAUB, of Aberdeen, Md., A. S. The
 Johns Hopkins University, 1973.
 JAMES EDWARD WILLS, JR., of York, Pa.
 GEORGE FREDERICK WIRT, JR., of Baltimore, Md.
 BERNARD JAMES WOLINSKI, of Baltimore, Md.
 JOHN WILLIAM YOUNG, of Baltimore, Md.

MASTERS OF SCIENCE

in The Evening College

- STEPHEN DOUGLAS AHLBRAND, of Columbia, Md., B.S. Rose Polytechnic Institute, 1968. Electrical Engineering.
- KATHLEEN GALLAWAY AHLSTROM, of Columbia, Md., B.S. Towson State College, 1971. Education.
- AGNES MARGARET ALSTON, of Baltimore, Md., B.A. Morgan State College, 1973. Education.
- WILLIAM AUGUSTUS ALTMAN, of Ellicott City, Md., M.E.A. George Washington University, 1969. Environmental Engineering.
- SHERRIE LEE AMERNICK, of Baltimore, Md., B.S. University of Maryland, 1973. Education.
- RICHARD JAMES ANDERSON, of Columbia, Md., B.S. M.E. Case Institute of Technology, 1968. Computer Science.
- ELIZABETH BRADY ANDREWS, of Carney, Md., B.A. Hollins College, 1973. Education.
- ANN MORRISON ANGLE, of Baltimore, Md., B.S. Towson State College, 1970; M.S. Loyola College, 1973. Education.
- BARBARA JANE AWALT, of Cockeysville, Md., B.S. Towson State College, 1973. Education.
- TYRONE BARRY AYERS, of Avondale, Md., B.S. District of Columbia Teachers College, 1972. Management Science.
- GURDIP SINGH BAINS, of McSherrystown, Pa., B.S. Panjab University, India, 1961. Management Science.
- A. THOMAS BAITY, of Columbia, Md., B.S. District of Columbia Teachers College, 1973. Education.
- SHERMAN MICHAEL BANKS, of Glen Burnie, Md., B.E.E. Auburn University, 1971. Electrical Engineering.
- MILDRED TIPPETT BARNES, of Glen Burnie, Md., B.S. Towson State College, 1971. Education.
- RUBY MARSHALL BASS, of Baltimore, Md., B.S. Coppin State College, 1972. Education.
- LOUISE SMITH BATTENFELD, of Cockeysville, Md., B.A. Cedar Crest College, 1973. Education.
- ANGELA MONCHO BAUTZ, of Baltimore, Md., B.A. Towson State College, 1970. Education.
- CAROLYN ANN ROUTH BERESKA, of Cockeysville, Md., B.A. Towson State College, 1972. Education.
- JOHN WILLIAM BERESKA, of Cockeysville, Md., B.S. Towson State College, 1972. Education.
- DONNA JOAN BERNSTEIN, of Baltimore, Md., B.S. Old Dominion University, 1973. Education.
- JOYCE KATHLEEN BESSEY, of Reisterstown, Md., B.S. Syracuse University, 1972. Education.
- BARBARA CADY BICE, of Baltimore, Md., B.A., Knox College, 1962. Education.
- DAVID JOSEPH BILGER, of Baltimore, Md., B.E.E. Georgia Institute of Technology, 1964; M.E.A. George Washington University, 1970. Numerical Science.
- BARBARA COX BISSET, of Baltimore, Md., B.S. Towson State College, 1971. Education.
- MONTE BRUCE BLACKSBURG, of Gaithersburg, Md., B.S. Brooklyn College, 1969. Applied Physics.
- HELEN KAPLAN BLUME, of Baltimore, Md., M.Ed. Goucher College, 1968. Education.
- HENRY E. WIRT BOUCHELLE III, of Gibson Island, Md., B.A. The Johns Hopkins University, 1971. Education.
- TERI RAE LIPPENBERGER BRAKE, of Columbia, Md., B.S. Bucknell University, 1972. Education.
- BARBARA MILLER BROWN, of Columbia, Md., B.A. University of Michigan, 1972. Education.
- GREGORY DONN BROWN, of Baltimore, Md., B.E.S. The Johns Hopkins University, 1970. Electrical Engineering.
- MARILYN JANE DISTLER BUGG, of Stevenson, Md., B.A. University of Colorado, 1969. Education.
- DORIS HALL BURKE, of Baltimore, Md., B.A. Washington College, 1957. Education.
- ROSALIE SELVAGE BURNS, of Baltimore, Md., B.S. Towson State College, 1971. Education.
- MARTHA PRINCE CAMPBELL, of Glen Burnie, Md., A.A. St. Mary's Junior College, 1948; B.A. University of Maryland, 1970. Education.
- TERRY JOHN CARACUZZO, of Baltimore, Md., B.S. University of Delaware, 1972. Computer Science.
- MARILYN DIXON CAREY, of Denton, Md., B.S. Towson State College, 1971. Education.
- JANET ORBAN CHAMBLEE, of Annapolis, Md., B.A. University of Maryland, 1968. Education.
- DEBORAH ANN CHAVIS, of Baltimore, Md., B.S. Coppin State College, 1970. Education.
- JOHN HURST CHILDS, of Baltimore, Md., B.S. The Johns Hopkins University, 1960. Environmental Engineering.
- HARRY YAN CHIU, of Laurel, Md., B.S. University of Wisconsin, 1973. Applied Physics.
- CAROL SEVERN CHRISTMYER, of Baltimore, Md., B.S. The Johns Hopkins University, 1973. Education.

- K. WAYNE CLAYBAUGH II, of Millersville, Md., B. S. Towson State College, 1971. Computer Science.
- RONALD ALBERT CLEAVER, of Annapolis, Md., B. S. University of Maryland, 1971. Education.
- DAVID GATES CLEVELAND, of Fort Meade, Md., B. S. Rochester Institute of Technology, 1972. Applied Physics.
- BARBARA JEAN CLYBURN, of Baltimore, Md., B. S. Morgan State College, 1972. Education.
- JOHN JOSEPH CODD, JR., of Severna Park, Md., B. A. University of Maryland, 1971. Computer Science.
- HELEN M. SCHLOSSBERG COHEN, of Baltimore, Md., B. A. University of Maryland, 1973. Education.
- MICHAEL STEVEN COHEN, of Millersville, Md., B. S. Towson State College, 1968. Education.
- SANDRA LICHTENSTEIN COHEN, of Baltimore, Md., B. S. Towson State College, 1964. Education.
- CHARLES EDWARD COLE, of North East, Md., B. S. University of Maryland, 1968. Education.
- JOANNE LORRAINE MAYOL COLEMAN, of Laurel, Md., B. S. University of Delaware, 1973. Education.
- HAROLD EDWARD CONN, of Reisterstown, Md., B. A. Western Maryland College, 1971. Management Science.
- BETTY LOUISE SPENCER COOPER, of Chestertown, Md., B. S. Towson State College, 1953. Education.
- NORMAN RANDALL COOPER, of Baltimore, Md., B. A. Brown University, 1969. Education.
- NANCY HOFF CORNELIUS, of Ellicott City, Md., B. S. University of Maryland, 1973. Education.
- MARGARET KAREN COTTER, of Glen Burnie, Md., B. S. State University of New York, New Paltz, 1972. Education.
- LARRY WAYNE COX, of Bowie, Md., B. A. University of Texas, 1967. Numerical Science.
- JERILYN ILENE CRAGWAY, of Baltimore, Md., B. A. Morgan State College, 1972. Education.
- LESTER LYNN CRAMER, of Glen Burnie, Md., B. S. E. The Johns Hopkins University, 1972. Electrical Engineering.
- PATRICIA ANNE CURRAN, of Baltimore, Md., B. S. Towson State College, 1972. Education.
- JOHN RICHARD CURRENT, of Baltimore, Md., B. A. DePaul University, 1969. Urban Planning.
- DANNY LEE ROY DARR, of Denver, Colo., B. S. Oklahoma State University, 1973. Computer Science.
- DONALD ALLAN DAY, of Columbia, Md., B. S. Drexel Institute of Technology, 1974. Electrical Engineering.
- KENNETH FAIRCLOUGH J. DAY III, of Ellicott City, Md., B. S. University of Texas, 1974. Computer Science.
- LINDA NICHOLS DECKER, of Columbia, Md., B. S. University of Virginia, 1971. Management Science.
- HARRY PAYTON DELONG, of Fallston, Md., B. S. North Carolina State University, 1965. Environmental Engineering.
- TERESA RICH DEMARTINO, of Cockeysville, Md., B. A. LaSalle College, 1974. Education.
- NINA MARIE DESIMONE, of Baltimore, Md., B. S. Towson State College, 1967; M. Ed., 1972. Education.
- ELAINE MARIA DIGGS, of Towson, Md., B. A. Goucher College, 1969. Education.
- WALTER BENJAMIN DILLIAN, JR., of Baltimore, Md., B. S. The Johns Hopkins University, 1972. Computer Science.
- MORGAN ROOSEVELT DILVER, of Cambridge, Md., B. A. Maryland State College, 1968. Education.
- KATHARINE EVELYN DITMAN, of Baltimore, Md., B. S. Towson State College, 1965. Education.
- THURMAN JEROME DOOLITTLE, of Delta, Pa., B. S. University of Maryland, 1973. Education.
- KIM ANTHONY DOYLE, of Baltimore, Md., B. A. Loyola College, 1968. Education.
- CINDY ENGEL DUBANSKY, of Baltimore, Md., B. S. University of Maryland, 1972. Education.
- PATRICIA BENTON ECKLES, of Bel Air, Md., B. A. University of Kentucky, 1952. Education.
- MARY CONTI EDDINGER, of Baltimore, Md., B. A. College of New Rochelle, 1958. Education.
- JUANITA LENNON EDWARDS, of Baltimore, Md., B. A. Antioch College, 1973. Education.
- SHARON N. EICHENBAUM, of Baltimore, Md., B. S. Temple University, 1971. Education.
- MARY PIPPITT ERIKSEN, of Baltimore, Md., B. A. College of Notre Dame of Maryland, 1972. Education.
- NANCY IRIS FELDMAN, of Baltimore, Md., B. A. University of Maryland, 1973. Education.
- JANET FENTON, of Baltimore, Md., B. A. Goucher College, 1973. Education.
- VIVIAN BRITTANIA FERGUSON, of Baltimore, Md., B. S. Johnson C. Smith College, 1973. Education.
- CLAIRE LYNN FIEDLER, of Glen Burnie, Md., B. A. Lebanon Valley College, 1972. Education.
- DENNIS DAVID FITZGERALD, of Bethesda, Md., B. S. Fairfield University, 1964; M. S. The Johns Hopkins University, 1971; M. S., 1972. Electrical Engineering.
- ROBERT ANSON FLOYD, JR., of Reisterstown, Md., B. S. E. E. University of Maryland, 1971. Electrical Engineering.
- CHARLES WILLIS FOWLER, of Oxon Hill, Md., B. S. Central Michigan University, 1964; M. L. A. The Johns Hopkins University, 1973. Environmental Engineering.
- PAULA DIANE FRANCO, of Columbia, Md., B. S. University of Maryland, 1972. Education.

- MICHELLE FRAZIER, of Baltimore, Md., B.S. Morgan State College, 1970. Education.
- LINDA JEAN FREDERICK, of Cockeysville, Md., B.A. Towson State College, 1971. Education.
- GAIL ANNE FRENCH, of Arnold, Md., B.A. Hamline University, 1961. Education.
- GERALD FRANK FREY, of Baltimore, Md., B.S. The Johns Hopkins University, 1966. Education.
- ALICE N. FRIDAY, of Columbia, Md., B.A. Morgan State College, 1959. Education.
- JOYCE ANN FRIEND, of Cheltenham, Md., B.S. Towson State College, 1972. Education.
- M. ELIZABETH FROEHLINGER-POWELL, of Baltimore, Md., B.A. College of Notre Dame of Maryland, 1973. Education.
- PATRICIA DIANE GABORSKI, of Laurel, Md., B.A. State University of New York, 1974. Numerical Science.
- BRIDGET WITTELSBERGER GALLANT, of Cockeysville, Md., B.A. College of Notre Dame of Maryland, 1973. Education.
- GERALDINE ANN GAMBATESE, of Bel Air, Md., M. Ed. Millersville State College, 1972. Education.
- BARBARA SMITH GARDNER, of Randallstown, Md., B.A. University of Maryland, 1972. Education.
- PATRICIA COOPER GATZKE, of Bel Air, Md., B.A. Western Maryland College, 1959. Education.
- GORDON JOSEPH GEHRING, of Bel Air, Md., B.S. Frostburg State College, 1972. Education.
- GUITYAFROOZ BOLOURIE GHADERPANAH, of Baltimore, Md., B.A. Tehran University, Iran, 1965. Education.
- FRANCES LONG GILL, of Chestertown, Md., B.S. University of Maryland, 1973. Education.
- JOANNE DOROTHY GILLESPIE, of Baltimore, Md., B.S. Towson State College, 1970. Education.
- ERIKA GLAZER, of Baltimore, Md., R.N. The Johns Hopkins School of Nursing, 1967; B.S. University of Maryland, 1972. Education.
- JOEL GLAZER, of Randallstown, Md., B.S. University of Maryland, 1965; M.S. The Johns Hopkins University, 1975. Computer Science.
- MARIETTA GLAZER, of Baltimore, Md., B.A. University of Maryland, 1973. Education.
- MICHAEL EDWARD GOLDEN, of Falls Church, Va., B.S. Virginia Polytechnic Institute, 1970. Numerical Science.
- BRIAN GEORGE GONZALEZ, of Baltimore, Md., B.S. Towson State College, 1966. Education.
- VERA IRMALENE GRADY, of Baltimore, Md., B.S. Morgan State College, 1970. Computer Science.
- TONI FONTERIO GRANT, of Baltimore, Md., B.S. Morgan State College, 1971. Education.
- ALFRED JAMES GRAYBEAL, of New Park, Pa., B.S. Towson State College, 1972. Education.
- THOMAS WINSTON GRIFFIN, of Baltimore, Md., A.A. Pensacola Junior College, 1967; B.S. E. E. University of Florida, 1969. Computer Science.
- JAN LEVIN GROEBEL, of Baltimore, Md., B.A. Goucher College, 1974. Education.
- ANAND PRAKASH GUPTA, of Columbia, Md., B.S. Muslim University, India, 1957. Environmental Engineering.
- SANKAR GUPTA, of Glen Burnie, Md., M.S.C.E. Jadavpur University, India, 1969. Environmental Engineering.
- ANNA HUNTT HALL, of Columbia, Md., B.S. Ohio State University, 1961. Education.
- ELMER JACKSON HALL, of Baltimore, Md., B.S. Towson State College, 1971. Education.
- SYLVIA CANDY HALL, of Baltimore, Md., B.S. Morgan State College, 1971. Education.
- SHERRY E. HAMBURG, of Baltimore, Md., B.S. University of Maryland, 1973. Education.
- JANICE STEWART HARRIS, of Baltimore, Md., B.S. Morgan State College, 1968. Education.
- LINDA CLAIRE HARRISON, of Baltimore, Md., B.A. College of Notre Dame of Maryland, 1973. Education.
- CYNTHIA CAMPER HARVEY, of Baltimore, Md., B.S. West Virginia State College, 1951. Education.
- NORMAN CHRISTOPHER HARVEY, of Baltimore, Md., B.S. University of Maryland, 1974. Management Science.
- EVON HASKINS, of Baltimore, Md., B.S. Coppin State College, 1971. Education.
- CLAUDE ANDREW HASTINGS, of Pasadena, Md., B.E.E. University of Delaware, 1969. Electrical Engineering.
- KATIE WILLIAMS HATCHEL, of Silver Spring, Md., B.S. Savannah State College, 1958. Education.
- DONNA DUNCAN HENSEN, of Severna Park, Md., B.S. Alderson-Broaddus College, 1963. Education.
- BARBARA BENTON HILL, of Baltimore, Md., B.A. The Johns Hopkins University, 1974. Education.
- GENE FRANK HOFFNAGLE, of Rockville, Md., B.S. Case Institute of Technology, 1967. Computer Science.
- JAMES JOSEPH HOLDEN III, of Baltimore, Md., B.S.E. The Johns Hopkins University, 1973. Computer Science.
- ROSEMARY PECCI HOLLICK, of Baltimore, Md., B.A. Pennsylvania State University, 1968. Education.
- HELEN EYRE PLATT HOLLINGSWORTH, of Towson, Md., B.A. New Jersey College for Women, 1946. Education.

- MARGARET MARY BLAINE HOMAN, of Baltimore, Md., B.S. University of Maryland, 1974. Education.
- GARY SCOTT HOOPENGARDNER, of Joppa, Md., B.S. Frostburg State College, 1964. Education.
- JAMES DAVIS HOPKINS, of Westminster, Md., B.A. Western Maryland College, 1972. Numerical Science.
- ROBERT HOPKINS, of Baltimore, Md., B.S. Morgan State College, 1971. Education.
- MOLLIE B. HOPPER, of Baltimore, Md., B.A. College of Wooster, 1947. Education.
- BEVERLY CHARLOTTE AINSLEY HORNER, of Baltimore, Md., B.A. University of Maryland, 1973. Education.
- JEAN MARY HOWE, of Baltimore, Md., B.A. Towson State College, 1974. Education.
- VERA RAE HUGGINS, of Baldwin, Md., B.S. University of Maryland, 1959. Education.
- LUCY HAGEMAN HUNTER, of Columbia, Md., B.S. Northwestern University, 1968. Education.
- CARL IRVEN HUTTON, JR., of Severna Park, Md., B.S. State Teachers' College, Ala., 1959. Numerical Science.
- NANCY CHRISTINE LADD HYKES, of Abingdon, Md., B.S. Brigham Young University, 1972. Education.
- MARY ALICE HYMAN, of Baltimore, Md., B.A. College of Notre Dame of Maryland, 1970. Education.
- BESSIE MAE FERRELL HYTHER, of Baltimore, Md., B.S. The Johns Hopkins University, 1966. Education.
- ANNE ZMESKAL IGHANI, of Baltimore, Md., B.A. Earlham College, 1971. Education.
- CAROLE WALTER IRVINE, of Pasadena, Md., B.S. West Liberty State College, 1963. Education.
- KEVIN CLAUDE JACKSON, of Silver Spring, Md., B.S. Virginia Polytechnic Institute, 1973. Computer Science.
- CHESTER J. JAKOWSKI, of Baltimore, Md., B.S. Loyola College, 1971. Management Science.
- LYN JASLOW, of Baltimore, Md., B.S.H.E. University of Delaware, 1974. Education.
- SARAH KAJDI JENKINS, of Baltimore, Md., B.A. Western Maryland College, 1961; M.Ed. Goucher College, 1966. Education.
- ANNABELLE SCOTT JOHNSON, of Washington, D.C., B.S. Bowie State College, 1965. Education.
- GEORGE FRANKLIN JOHNSON, of Baltimore, Md., Ph.D. Iowa State University, 1969. Management Science.
- GRACE LUVENIA JOHNSON, of Baltimore, Md., B.S. Coppin State College, 1971. Education.
- FLORETTA JEANETTE JONES, of Baltimore, Md., B.A. Antioch College, 1973. Education.
- JOYCE LEPAULA JONES, of Baltimore, Md., B.S. University of Maryland, 1969. Education.
- LE ROY JESS JONES, JR., of Shippensburg, Pa., B.A. Shippensburg State College, 1972. Computer Science.
- NANCY LYNNE JONES, of Bel Air, Md., B.A. Milligan College, 1970. Education.
- MARTHA M. JUHLE, of Owings Mills, Md., B.S.N. University of Maryland, 1971. Education.
- ROMUALDAS JURGIS KALINAUSKAS, of Clearview, Pa., B.S. Morgan State College, 1973. Education.
- MICHAEL LOREN KALM, of Glen Burnie, Md., B.S. University of Wisconsin, 1972. Electrical Engineering.
- CHRISTINE BROZOWSKI KAMENOFF, of Annapolis, Md., B.A. University of Connecticut, 1970. Computer Science.
- ROBERT WALTER KANACH, of Glen Burnie, Md., B.S. St. Francis College, 1971. Education.
- PETER DMITRI KATAN, JR., of Greenbelt, Md., B.S. The Johns Hopkins University, 1972. Computer Science.
- ARLENE DEBBY KATZ, of Columbia, Md., B.S. University of Maryland, 1971. Education.
- BRUCE L. KAUFFMAN, of Laurel, Md., B.S. Drexel University, 1973. Numerical Science.
- SUZANNE JEAN KAUFFMAN, of Glen Burnie, Md., B.S. Millersville State College, 1966. Education.
- PATRICIA DIANNE KELLY, of Baltimore, Md., B.A. University of Maryland, 1972. Education.
- THOMAS HARRY KIMSEY, of Columbia, Md., B.S.E.E. Rutgers University, 1972. Electrical Engineering.
- MARGARET FELL KING, of Baltimore, Md., B.S. Towson State College, 1973. Education.
- BARBARA ANN MATELOCK KISER, of Baltimore, Md., B.S. Edinboro State College, 1965. Education.
- LEONARD IRVIN KLEIN, of Baltimore, Md., B.S. University of Maryland, 1972. Education.
- DIANE MARIE KOCH, of Lutherville, Md., B.S. Salisbury State College, 1972. Education.
- PETER G. KOJZAR, of Columbia, Md., B.S. University of Baltimore, 1973. Computer Science.
- LAWRENCE RICHARD KOLBICKA, of Gaithersburg, Md., B.S. University of Scranton, 1972. Numerical Science.
- SELINA SIVI GOLD KORMAN, of Owings Mills, Md., B.S. The Johns Hopkins University, 1969. Education.
- MARY ANN KRUGH, of Washington, D.C., B.A. St. Mary's College, 1969. Education.
- WILLIAM KEITH KRUTZ, of Arlington, Va., B.S. University of Akron, 1967. Computer Science.
- MYRNA TOMKIN KURITZKY, of Baltimore, Md., B.S. Temple University, 1957. Education.

- SALLY FLEMING MAYS KUTZER, of Baltimore, Md., B. A. University of Maryland, 1971; B. A., 1972. Education.
- JANICE MARIE LANE, of Sykesville, Md., B. S. Towson State College, 1970. Education.
- JOEL DAVID LAPIN, of Baltimore, Md., B. A. University of Massachusetts, 1968; M. A., 1971. Education.
- NORBERT GORDON LASSAHN, JR., of Baltimore, Md., B. S. University of Maryland, 1972. Environmental Engineering.
- MARGERY BEATRICE LAWRENCE, of Baltimore, Md., B. S. Oakwood College, 1971. Education.
- CATHERINE BELLE KEEFER LEE, of Columbia, Md., A. A. Hagerstown Junior College, 1970; B. S. Virginia Polytechnic Institute, 1972. Numerical Science.
- KUN YOUNG LEE, of Baltimore, Md., B. S. Seoul National University, Korea, 1969. Computer Science.
- JANET RUTH LEIBOWITZ, of Baltimore, Md., A. A. Community College of Baltimore, 1970; B. S. Morgan State College, 1973. Education.
- DENNIS LEE LENGUEL, of Canton, Ohio. B. S. E. E. University of Akron, 1972. Electrical Engineering.
- ELLEN MAUCK LESSY, of Bethesda, Md., B. A. College of William and Mary, 1969. Numerical Science.
- LINDA ANN LEVIN, of Baltimore, Md., B. S. University of Maryland, 1972. Education.
- RHODA POWELL LEVIN, of Baltimore, Md., A. A. Catonsville Community College, 1969; B. S. Morgan State College, 1973. Education.
- ROSE TENDLER LEVINE, of Columbia, Md., B. A. University of Maryland, 1973. Education.
- JAY IRWIN LEVINSON, of Baltimore, Md., B. S. B. A. Washington University, 1971. Education.
- NORMA FLAXMAN LEVITT, of Baltimore, Md., B. S. Towson State College, 1973. Education.
- MILDRED LEVY, of Baltimore, Md., B. S. Towson State College, 1949. Education.
- MARY SUSIE LEWIS, of Baltimore, Md., B. S. Elizabeth City University, 1960. Education.
- EDWARD MAURICE LEWISON, of Baltimore, Md., B. A. Columbia University, 1971. Urban Planning.
- ROBERT SHELDON LINDSAY, of Edgewood, Md., B. S. State University of New York, Buffalo, 1970. Environmental Engineering.
- STANLEY ALOIS LINK, of Baltimore, Md., B. E. S. The Johns Hopkins University, 1970. Management Science.
- RONNÉ JAYE LIPPENHOLZ, of Baltimore, Md., B. S. Towson State College, 1972. Education.
- THOMAS EDWARD LITTLE, of Baltimore, Md., M. A. St. Mary's Seminary and University, 1974. Education.
- THEODORE LIVINGSTON, JR., of East Riverdale, Md., B. S. Southern University, 1971. Numerical Science.
- HARRY LOVELL LOATS, JR., of Westminster, Md., B. S. The Johns Hopkins University, 1970; M. S., 1971. Environmental Engineering.
- ESTES JAMES LOCKHART, of Myersville, Md., M. A. San Francisco State University, 1969. Education.
- GLORIA MORGAN LOWERY, of Baltimore, Md., B. S. Towson State College, 1973. Education.
- BENNY CHUNG-NGOK LU, of Bethesda, Md., B. A. State University of New York, 1971. Computer Science.
- JACQUELINE PRATT LUDFORD, of Columbia, Md., B. S. College of Mount St. Vincent, 1957. Education.
- ELIZABETH MARIETTA LUTZ, of Baltimore, Md., B. S. N. University of Delaware, 1972. Education.
- ANNAMARIE MACCENTELLI, of Baltimore, Md., B. S. Frostburg State College, 1972. Education.
- RUBY ELIZABETH MACDONNELL, of Baltimore, Md., B. S. University of Maryland, 1963. Education.
- FRANCES BREHM MACKABEE, of Baltimore, Md., B. A. University of Baltimore, 1973. Education.
- DEBORAH ANNE MACKEY, of Baltimore, Md., B. A. Morgan State College, 1972. Education.
- DENNIS BERNARD MAHONEY, of Columbia, Md., B. S. University of Massachusetts, 1968. Computer Science.
- NANCY MARIE MANN, of Glen Burnie, Md., B. A. Fairmont State College, 1969. Education.
- KENNETH WILLIAM MARTIN, of Dundalk, Md., B. S. Towson State College, 1973. Education.
- THOMAS VAN MARTIN, of Seabrook, Md., B. S. M. E. University of Maryland, 1970. Space Technology.
- ANN RAFFERTY MATHIAS, of Silver Spring, Md., B. A. American University, 1964. Education.
- ANN MARIE CHRISTENE MATT, of Matamoras, Pa., B. A. The Johns Hopkins University, 1975. Education.
- SHARON RUTH BOUTELIER MATTHEWS, of Baltimore, Md., B. S. Temple University, 1971. Education.
- WILLIAM RUDOLF MAY, of Crofton, Md., B. A. American University, 1969. Education.
- STEPHEN GRANT MCCARRON, of Adelphi, Md., B. A. LaSalle College, 1953. Computer Science.
- CHARLES CHRISTOPHER MCCARTHY, of Baltimore, Md., B. E. E. Manhattan College, 1972. Electrical Engineering.
- ROBERT ALLEN McCUNE, of Columbia, Md., M. S. Long Island University, 1972. Computer Science.

- JOHN HENRY MCGLYNN, of Baltimore, Md., B. S. Bloomsburg State College, 1968. Education.
- WILBERT FRANKLIN MCINTYRE, of Columbia, Md., B. S. Winston-Salem State University, 1956; M. A. George Washington University, 1965; C. A. S. The Johns Hopkins University, 1974. Education.
- EVA MARY McMANUS, of Baltimore, Md., B. A. Beaver College, 1970. Education.
- SONDRA DIANE McMEEKIN, of Baltimore, Md., B. S. Morgan State College, 1971. Education.
- BETHA DEROTHER McMILLAN, JR., of Baltimore, Md., B. S. Lehigh University, 1962; M. S., 1964. Computer Science.
- BRIAN JOHN McNAMARA, of Glen Burnie, Md., B. S. E. Manhattan College, 1973. Electrical Engineering.
- ARTHUR BENJAMIN MERRION, of Huntingtown, Md., B. A. Pfeiffer College, 1965. Numerical Science.
- JAMES R. METZGER, of Lanham, Md., B. M. E. University of Detroit, 1966. Space Technology.
- ELLEN BETH MEYER, of Crofton, Md., B. S. Kent State University, 1973. Education.
- ROBERT REINHART MEYER, of Columbia, Md., B. S. Carroll College, 1969. Education.
- RONALD MEYERS, of Baltimore, Md., B. S. University of Maryland, 1965. Education.
- DOROTHY HAUKE MILAN, of Timonium, Md., B. F. A. Maryland Institute, College of Art, 1968. Education.
- WILLIAM BENJAMIN MILES, JR., of Suitland, Md., B. S. George Washington University, 1972. Computer Science.
- CAROL ANN FISCH MILLER, of Baltimore, Md., B. S. The Johns Hopkins University, 1968; M. L. A., 1974. Education.
- KIMBERLEE MARTINEZ MITCHEL, of Ellicott City, Md., B. S. California State College, 1969. Numerical Science.
- ROBERT URQUHART MITCHELL, of Baltimore, Md., B. A. Morgan State College, 1951; B. S. Columbia University, 1954. Education.
- JOAN MARIE MONTANARI, of Baltimore, Md., B. S. St. Louis University, 1966. Education.
- SANDRA BLOOM MORRELL, of Baltimore, Md., B. S. University of Maryland, 1967. Education.
- LYNN PALATUCCI MORROW, of Kingsville, Md., B. A. College of Notre Dame of Maryland, 1973. Education.
- ANAND SHANTARAM MUJUMDAR, of Baltimore, Md., B. E. University of Jabalpur, India, 1964. Management Science.
- ERNEST HENRY NEELS, of Baltimore, Md., B. E. S. The Johns Hopkins University, 1965; C. C. E. S., 1971. Computer Science.
- JEAN SMITH NELSON, of Bel Air, Md., B. A. Pennsylvania State University, 1971. Education.
- ROBERT WILLIAM NELSON, of Beltsville, Md., B. S. Drexel University, 1969. Numerical Science.
- DIANA LEE LANGDON NEWTON, of Grand Junction, Colo., B. A. Bucknell University, 1971. Education.
- DIANNA MARIE NOPLOCK, of Aberdeen, Md., B. S. University of Maryland, 1973. Education.
- LARRY GUS NORRIS, of Westminster, Md., B. S. Clarion State College, 1971. Education.
- LINDA KINGSBURY NORRIS, of Baltimore, Md., B. S. The Johns Hopkins University, 1973. Education.
- ROSE MARIE WOLF NORRIS, of Westminster, Md., B. S. Clarion State College, 1971. Education.
- CORNELIA LAURETTA NORTH, of Baltimore, Md., B. S. Oakwood College, 1950. Education.
- AUDREY EILEEN MARCHETTI NOVAK, of Edgewood, Md., B. S. Towson State College, 1972. Education.
- MARY ANN NUEDLING, of Baltimore, Md., B. A. University of Maryland, 1971. Education.
- MARIE ANTOINETTE OWENS, of Baltimore, Md., B. S. Coppin State College, 1970. Education.
- ANNE HELENE PAINTER, of Columbia, Md., B. A. Beaver College, 1972. Numerical Science.
- BEVERLEY JEAN PARKER, of Baltimore, Md., M. A. Loyola College, 1972. Education.
- DAVID ALLAN PARRISH, of Columbia, Md., B. E. S. The Johns Hopkins University, 1964; M. L. A., 1968. Education.
- EDWARD THEODORE PATRO, of Baltimore, Md., B. A. Towson State College, 1969; M. Ed. Coppin State College, 1973. Education.
- HAROLD PETER JOSEPH PAZOUREK, JR., of Mount Airy, Md., B. E. S. The Johns Hopkins University, 1964; M. S., 1970. Electrical Engineering.
- LEDELL PEARSON, of Pine Hill, Ala., B. S. Auburn University, 1965. Computer Science.
- KATHRYN SUSAN PETERS, of Baltimore, Md., B. A. University of Maryland, 1971; M. L. A. The Johns Hopkins University, 1974. Urban Planning.
- PHILLIP LEE PEYTON, of Severn, Md., B. S. E. The Johns Hopkins University, 1973. Electrical Engineering.
- ROSEMARY FREEMAN PINDER, of Baltimore, Md., B. S. Morgan State College, 1972. Education.
- SHAYNA FRADA ZISSERSON PITT, of Baltimore, Md., B. A. University of Rhode Island, 1971. Education.
- WAYNE ADDISON PLITT, of Baltimore, Md., B. S. Towson State College, 1971. Education.
- JOYCE ZESKIND PLOTKIN, of Baltimore, Md., B. S. Towson State College, 1961. Education.

- SHELLEY MACLEAN POST, of Baltimore, Md., B. S. Towson State College, 1974. Education.
- JAMES EDGAR PRICE, of Laurel, Md., B. S. Case Institute of Technology, 1974. Electrical Engineering.
- CHARLENE CECILIA PRYSESKI, of Baltimore, Md., B. S. Towson State College, 1972. Education.
- YVONNE KATHLEEN PUKACZ, of Glen Burnie, Md., B. S. Frostburg State College, 1972. Education.
- FLORENCE IRBY QUEEN, of Baltimore, Md., M. Ed. University of Pittsburgh, 1958. Education.
- EIMUTIS SEVERINAS RADZIUS, of Arnold, Md., B. S. E. The Johns Hopkins University, 1972. Computer Science.
- WILLIAM HOWARD REAMY, of Baltimore, Md., B. S. M. E. Lehigh University, 1967. Environmental Engineering.
- BART FRANCIS RICE, of Crofton, Md., B. A. Rice University, 1965; M. S. Louisiana State University, 1967; Ph. D., 1969. Computer Science.
- MICHAEL JOHN RICHARDSON, of Baltimore, Md., B. S. The Johns Hopkins University, 1972. Environmental Engineering.
- GLORIA DICKENS RICHESON, of Baltimore, Md., B. S. Morgan State College, 1964. Education.
- JAMES JEFFERSON RIDGELL, JR., of Elkridge, Md., B. S. University of Maryland, 1970. Electrical Engineering.
- FREDERICK WILLIAM RIEDEL, JR., of Columbia, Md., B.S.M.E. Carnegie-Mellon University, 1968; M.S.M.E. Syracuse University, 1973. Electrical Engineering.
- MICHAEL BARRON RIORDAN, of Baltimore, Md., B. S. Ch. E. University of Maryland, 1969. Environmental Engineering.
- DONALD LEROY RITTGERS, of York, Pa., A. A. S. Southern Colorado State College, 1967; B. S., 1973. Education.
- JAMES PATRICK ROBINS, of Bowie, Md., B. A. Baylor University, 1969. Numerical Science.
- JUDITH LEE ROBINSON, of Baltimore, Md., B. S. University of Maryland, 1974. Education.
- ALVARO RODRIGUEZ, of Baltimore, Md., B. S. The Johns Hopkins University, 1968; M. Ed., 1971. Management Science.
- WILLIAM ALAN ROSS, of Baltimore, Md., B. S. Morgan State College, 1973. Education.
- JOYCE TANNENBAUM ROTTMAN, of Baltimore, Md., B. S. University of Maryland, 1970. Education.
- CYNTHIA GILPIN ROY, of Baltimore, Md., A. A. Hartford College for Women, 1970; B. A. University of New Hampshire, 1972. Education.
- ROBIN SHUMWAY RUPPRECHT, of Baltimore, Md., B. S. Towson State College, 1971. Education.
- CYNTHIA KEYES RUSSO, of Cockeysville, Md., B. S. Towson State College, 1972. Education.
- ALBERT CHARLES SADILEK, of Columbia, Md., B. S. E. The Johns Hopkins University, 1973. Numerical Science.
- GARY ROY SANDER, of Joppatowne, Md., B. S. M. E. University of Maryland, 1970. Management Science.
- REBECCA BETH MILLSTONE, SANDLER, of Baltimore, Md., B. S. University of Maryland, 1972. Education.
- WARREN MELVIN SCHEININ, of Baltimore, Md., B. S. E. The Johns Hopkins University, 1974. Computer Science.
- SANDRA FRIEDMAN SCHLOSSBERG, of Randallstown, Md., B. S. University of Maryland, 1965. Education.
- GERMAINE LOUISE SCHORTT SCHMIDT, of Baltimore, Md., B. S. Towson State College, 1961. Education.
- ANNE LEANETTE SCHROEDER, of Ellicott City, Md., B. A. Louisiana Technical University, 1969. Education.
- MILDRED JOYCE SCHWARTZ, of Timonium, Md., M. S. Loyola College, 1973. Education.
- JANE SCOTT, of Ellicott City, Md., B. S. Indiana University, 1970. Education.
- ALAN BRUCE SEWARD, of Baltimore, Md., B. S. Towson State College, 1968. Education.
- CAROL LOUISE SHAFFER, of Baltimore, Md., B. S. Pennsylvania State University, 1970. Education.
- EDWARD STONER SHAFFER, of Arnold, Md., B. A. The Johns Hopkins University, 1966; M. S., 1974. Computer Science.
- SATISH CHANDRA SHAH, of Gaithersburg, Md., B. E. Government Engineering College, India, 1964. Computer Science.
- EILEEN GALE GOLDSTEIN SHAROKY, of Baltimore, Md., B. S. University of Maryland, 1973. Education.
- JUDITH JANE SHEINBROT, of Baltimore, Md., B. A. Marshall University, 1963. Education.
- MARILYN JOYCE SHIRLEY, of Annapolis, Md., B. S. Illinois University, 1960. Education.
- JACQUELINE PUSCHETT SHULIK, of Columbia, Md., B. S. University of Maryland, 1957. Education.
- NICHOLAS SHUST, of Glen Burnie, Md., B. S. The Johns Hopkins University, 1974. Computer Science.
- MINDA STORCH SILBER, of Baltimore, Md., B. S. University of Maryland, 1965. Education.
- LESLIE BETH SILVERSTEIN, of Randallstown, Md., B. S. University of Miami, 1973. Education.
- RUTH FEDERMAN SILVERSTONE, of Baltimore, Md., B. A. Boston University, 1961. Education.
- JOHN REYNOLDS SIMPSON, of Mount Airy, Md., B. S. Virginia Polytechnic Institute, 1972. Electrical Engineering.
- CAROLYN AYERS SISK, of Columbia, Md., B. S. The Johns Hopkins University, 1971. Education.

- SUZANNE LOUISE SLAGLE, of Columbia, Md., B. A. University of Denver, 1970. Education.
- JANIS ALEXIS SMITH, of Baltimore, Md., B. S. Morgan State College, 1971. Education.
- LAURA PEARSON SMITH, of Baltimore, Md. Education.
- RUTH E. BENTLEY SMITH, of Baltimore, Md., B. S. Coppin State College, 1970. Education.
- DAVID ANDREW SNYDER, of Baltimore, Md., B. S. E. The Johns Hopkins University, 1974. Electrical Engineering.
- NORMAN GLENN SNYDER, of Baltimore, Md., B. A. Western Maryland College, 1972. Computer Science.
- NANCY F. MITCHELL SOLOMON, of Baltimore, Md., B. S. Morgan State College, 1965. Education.
- ROBERT BAILEY SOLOMON, of Fort McPherson, Ga., A. A. University of Baltimore, 1950; B. S. University of Maryland, 1964. Education.
- TIMOTHY JOSEPH SOSINSKI, of Baltimore, Md., B. Arch. Pennsylvania State University, 1973. Urban Planning.
- JOSEPH MICHAEL SPINOLA, of Ellicott City, Md., B. S. University of Maryland, 1972. Education.
- EDWARD JAMES SPRINGER, of Baltimore, Md., B. A. La Salle College, 1966; M. Rel. Ed. Loyola University of Chicago, 1972. Education.
- MYRNA MAHLER STEINBERG, of Baltimore, Md., B. S. University of Maryland, 1959. Education.
- BARBARA EDITH STEINER, of Baltimore, Md., B. A. Queens College, 1973. Education.
- DONALD HARRY STEMMLER, of Glen Burnie, Md., B. S. Clarion State College, 1971. Education.
- STEPHEN JOSEPH STEPHAN, of Reisterstown, Md., B. E. E. Polytechnic Institute of Brooklyn, 1960; M. S. Air Force Institute of Technology, 1966. Computer Science.
- ARLENE RITA STERN, of Baltimore, Md., B. A. George Washington University, 1973. Education.
- ROBERT KELLMORE STILWELL, of Columbia, Md., B. S. E. E. Kansas State University, 1973. Electrical Engineering.
- JEAN ELAINE STONG, of Uniontown, Md., B. A. University of Maryland, 1972. Education.
- DARLA FISHBEIN STROUSE, of Columbia, Md., B. A. University of Maryland, 1967. Education.
- IRIS PINE STUTMAN, of Baltimore, Md., B. S. Towson State College, 1966. Education.
- BONNIE MANNERS SUDDUTH, of Cooksville, Md., A. A. St. Mary's College of Maryland, 1967; B. S. University of Maryland, 1971. Education.
- DEBORAH KAY SUTT, of Timonium, Md., B. A. Michigan State University, 1972. Education.
- LAWYER LEONARD SWINSON, SR., of Baltimore, Md., B. S. Coppin State College, 1970. Education.
- CHARLES AVON TAYLOR, of Baltimore, Md., B. A. University of Maryland, 1973. Education.
- NORMA GEORJEAN TAYLOR, of Baltimore, Md., B. S. Coppin State College, 1971. Education.
- JAMES ANTHONY TERMINI, of Norristown, Pa., B. S. University of Notre Dame, 1958. Space Technology.
- THOMAS JAMES TERRY, JR., of Silver Spring, Md., E. S. United States Naval Academy, 1960. Management Science.
- ANAND PRAKASH TERWAY, of Baltimore, Md., B. S. C. E. Regional Institute of Technology, India, 1965. Environmental Engineering.
- DORIS MURPHY TEWES, of Annapolis, Md., B. S. Towson State College, 1971. Education.
- LUCIA GRAHAM THOMPSON, of Annapolis, Md., B. S. University of Maryland, 1971. Education.
- LYNDA SUZANNE THORP, of Lanham, Md., B. A. Carson-Newman College, 1975. Education.
- DOUGLAS ROGER TIGHE, of Sterling, Va., B. A. Lafayette College, 1968. Applied Physics.
- BARBARA LASSITER TILLMAN, of Baltimore, Md., B. S. Fayetteville State Teachers College, 1955. Education.
- MARILYN TISHLER, of Randallstown, Md., B. S. University of Maryland, 1971. Education.
- M. PATRICIA COSGROVE TLASEK, of Baltimore, Md., B. S. St. Joseph College, 1966. Education.
- MARK EDWARD TOMASSONI, of Severna Park, Md., E. A. Pennsylvania State University, 1973; M. A. University of Georgia, 1974. Urban Planning.
- HERBERT LEROY TRACEY, JR., of Millers, Md., B. S. Towson State College, 1970. Numerical Science.
- MARJORIE ANN RUSS TRIFON, of Baltimore, Md., B. A. University of South Carolina, 1957; M. A. Georgia State College, 1971. Education.
- GEORGE WILLIAM TROXLER, JR., of Silver Spring, Md., B. S. Capitol Institute of Technology, 1972. Electrical Engineering.
- OVERTON MALCOLM TUCK, JR., of Mount Airy, Md., B. S. Virginia Polytechnic Institute, 1970. Electrical Engineering.
- DIANE MARIAN PELHAM TURNER, of Baltimore, Md., B. A. University of Cincinnati, 1970. Education.
- SELMA GRAY ULRICH, of Baltimore, Md., B. S. The Johns Hopkins University, 1971. Education.
- ILENE MARSHA MEHLMAN URAM, of Baltimore, Md., B. S. University of Maryland, 1973. Education.
- CORINNE FRANKLIN HERMAN VINEBERG, of Baltimore, Md., B. S. Towson State College, 1951. Education.

- EVELYNNE SANDY VISMALE, of Baltimore, Md., B. S. Coppin State College, 1973. Education.
- MILLCENT ANNETTE PATTON WADE, of Baltimore, Md., B. S. Kentucky State College, 1961. Education.
- HILDA SONIA CRUZ WALDORF, of Baltimore, Md., B. A. University of Puerto Rico, 1962. Education.
- LESLIE REICHLYN WALTERS, of Baltimore, Md., B. S. University of Maryland, 1972. Education.
- ROSALYN KAREN SHIPLEY WANDERMAN, of Baltimore, Md., B. S. Towson State College, 1970. Education.
- PENNY STEWART WARREN, of Baltimore, Md., B. S. Bloomsburg State College, 1972. Education.
- LINDA ROMONA GALE WATKINS, of Baltimore, Md., B. S. Morgan State College, 1967. Education.
- MARILYN LORRAINE WEBB, of Bel Air, Md., B. S. Frostburg State College, 1971. Education.
- EUGENE GEORGE WEIERMILLER, of Laurel, Md., B. S. E. E. Drexel University, 1968. Electrical Engineering.
- CAROL GROSS WEINER, of Baltimore, Md., B. A. Goucher College, 1973. Education.
- JOANNE COX WELLING, of Sykesville, Md., B. S. Towson State College, 1972. Education.
- HELEN WERMUTH, of Columbia, Md., B. S. University of Bridgeport, 1964. Education.
- RICHARD WEAVER WEST, of Millers, Md., B. S. Towson State College, 1970. Education.
- GLENADINE STROME WHEELER, of Danville, Calif., B. S. Oregon State University, 1954. Education.
- HAROLD EDWARD WHITE, of Baltimore, Md., B. A. Towson State College, 1970. Computer Science.
- FRANK JOSEPH WHORLEY, of Baltimore, Md., B. S. Coppin State College, 1970. Education.
- CHARLES FREE WILHELM, of Baltimore, Md., B. A. University of Baltimore, 1968; J. D., 1972. Education.
- KAREN ELAINE MINTON WILLIAMS, of Baltimore, Md., B. S. Towson State College, 1970. Education.
- JOE EDWARD WILSON, of Baltimore, Md., B. A. University of Maryland, 1972. Education.
- SUSAN HUME WIMSATT, of Columbia, Md., B. A. Goucher College, 1973. Education.
- GAIL ENGLISH WINSLOW, of Baltimore, Md., B. S. University of Maryland, 1971. Education.
- CECILE MIRVIS WINSTON, of Columbia, Md., B. S. University of Maryland, 1971. Education.
- WILLIAM STANLEY WOLINSKI, of Baltimore, Md., B. A. University of Rochester, 1969. Environmental Engineering.
- RICHARD WAH WONG, of Glen Burnie, Md., B. S. E. E. University of Washington, 1972. Electrical Engineering.
- KENNETH LEE WRIGHT, of Falls Church, Va., B. A. Elizabethtown College, 1970; M. Ed. The Johns Hopkins University, 1972. Education.
- SUZANNE RETHERFORD WYCOFF, of Freeland, Md., B. F. A. Ohio University, 1971. Education.
- ROBIN PELLE WYETT, of Woodlawn, Md., B. S. University of Maryland, 1971. Education.
- JOHN RICHARD YATES, of Baltimore, Md., B. A. University of Baltimore, 1974. Education.
- ALAN MICHAEL YOUNG, of Millersville, Md., B. A. University of Maryland, 1971. Management Science.
- MARC STEVEN YOUNG, of Sykesville, Md., B. A. C. W. Post College, 1973. Education.
- MICHAEL R. YOUNG, of Baltimore, Md., B. S. University of Maryland, 1974. Education.
- EBERHARD EDMUND ZWERGEL, of Baltimore, Md., B. S. The Johns Hopkins University, 1975. Education.

MASTERS OF EDUCATION

in The Evening College

- JOSITA ELIZABETH ALLEN, of Columbia, Md., B. S. Bowie State College, 1964.
- STEPHEN JOSEPH ALSOP, of Baltimore, Md., M. S. Morgan State College, 1970.
- SHARON MAE MITCHELL ANTHONY, of Baltimore, Md., B. S. Towson State College, 1971.
- RONALD JOSEPH ANTON, of Baltimore, Md., M. S. Ohio State University, 1971.
- RENA ASHWORTH, of Baltimore, Md., B. S. The Johns Hopkins University, 1971.
- ANNA MCFADDEN BAILEY, of Baltimore, Md., B. S. Coppin State College, 1974.
- JEANNE THOM BAYER, of Joppa, Md., A. A. Essex Community College, 1970; B. S. Eastern Kentucky University, 1972.
- MARY CAROLINE BELL, of Baltimore, Md., B. S. Towson State College, 1963.
- SHERI LYNN BLEAKMAN, of Baltimore, Md., B. S. University of Maryland, 1972.

- WILMA G. BLUMENFELD, of Baltimore, Md., B.S. Towson State College, 1972.
- INGRID LAMBORN WILSON BORTNER, of Baltimore, Md., B. S. The Johns Hopkins University, 1966.
- FRONA ALICE HOLZMAN BROWN, of Baltimore, Md., B.A. Goucher College, 1965; M.L.A. The Johns Hopkins University, 1970.
- PEGGY JOANNE BRANDON BROWN, of Baltimore, Md., B.S. Virginia State College, 1963.
- PATRICIA LYNN BRUNICARDI, of North Plainfield, N. J., B.A. Glassboro State College, 1972.
- LINDA FOSTER BRYANT, of Baltimore, Md., B.S. Coppin State College, 1971.
- LINDA EDELL BURNETT, of Fallston, Md., B.A. Towson State College, 1970.
- KATHERINE PARKER ROUSE CARR, of Columbia, Md., B.A. Middlebury College, 1969.
- IAN PAUL COHEN, of Baltimore, Md., B.A. The Johns Hopkins University, 1973.
- JOY SPIEGEL COHEN, of Baltimore, Md., B.S. Campbell College, 1972.
- SANFORD JAY COHN, of McDonogh, Md., B.A. The Johns Hopkins University, 1967.
- PATRICIA LEE CONVERY, of Baltimore, Md., B.A. Mount St. Agnes College, 1968.
- MARCIA MARY COOK, of Baltimore, Md., B.A. University of Iowa, 1952.
- EDWARD STRAWBRIDGE COOPER, of Baltimore, Md., B.A. Colgate University, 1971.
- JOHN DESMOND CORCORAN, of McDonogh, Md., B.A. University College, Ireland, 1956; Higher Dipl. in Ed., 1957.
- CATHY PHILLIPS CORRELL, of Baltimore, Md., B.S. University of Pennsylvania, 1971.
- JOHN TORMOLLAN COSDEN, JR., of Baltimore, Md., B.A. Loyola College, 1972.
- PATRICIA JEAN D'AMARIO, of Bel Air, Md., B.S. Towson State College, 1972.
- SIDNEY DANIELS, of Baltimore, Md., B.A. Youngstown College, 1949; B.D. Howard University, 1953.
- WILLIAM EARL DEAS, of Baltimore, Md., M.A. Columbia University, 1965.
- KATHLEEN SULLIVAN DE WIT, of Ferndale, Md., B.S. Towson State College, 1969.
- PATRICIA ANN THOMAS DISTEFANO, of Baltimore, Md., B.A. University of Maryland, 1971.
- PAUL RICHARD DOBISH, of Glen Burnie, Md., B.S. California State University, 1969.
- ANNA MARIA DOLINA, of Baltimore, Md., B.A. Western Maryland College, 1970.
- ESTA ARNOWITZ DOLINER, of Baltimore, Md., B.S. New Jersey State College, 1958.
- DONALD DICKINSON EAVENSON, JR., of McDonogh, Md., B.A. Washington and Lee University, 1973.
- TRUDI KRAMER EBLEN, of Columbia, Md., B.S. University of Wisconsin, 1962; M.S., 1965.
- SHEILA EILEEN ECKER, of Westminster, Md., B.A. College of Notre Dame of Maryland, 1972.
- PHYLLIS MARIA AMASIA ERCOLANO, of Baltimore, Md., B.A. Towson State College, 1971.
- BARBARA LOU FEGLEY, of Baltimore, Md., B. S. Bowling Green State University, 1967.
- NANCY-JO KESSLER FIELD, of Rockville, Md., B. S. University of Maryland, 1971; M.S. The Johns Hopkins University, 1973.
- RALPH LINDSAY FITCH, JR., of Baltimore, Md., B.S. Frostburg State College, 1974.
- PATRICIA ANN JONES FLETCHER, of Forest Hill, Md., B.S. Towson State College, 1966.
- ANGELO JOSEPH FORTUNATO, of Baltimore, Md., B.A. The Johns Hopkins University, 1954.
- PATRICIA PAIGE FOUST, of Baltimore, Md., B. S. Coppin State College, 1969.
- LAWRENCE A. FOX, of Baltimore, Md., M.P.H. The Johns Hopkins School of Hygiene and Public Health, 1974.
- ELNORA PAIGE HARRIS GALBREATH, of Baltimore, Md., B.A. Bennett College, 1966.
- SONIA LEVIN GANN, of Baltimore, Md., B.S. University of Maryland, 1954.
- ROBERTA JUDITH ISRAEL GARFIELD, of Baltimore, Md., B.S. University of Maryland, 1972.
- WILHELMA MAXINE GARNER, of Baltimore, Md., B.A. Fisk University, 1966.
- BEVERLY FALKENHAN GERMAN, of Baltimore, Md., B.S. Towson State College, 1970.
- PHYLLIS HENDLER GLASSMAN, of Baltimore, Md., B. S. Towson State College, 1951.
- ANN GLAZER, of Baltimore, Md., B.S. University of Maryland, 1971.
- CYNTHIA LITOFSKY GLAZER, of Baltimore, Md., B.S. University of Maryland, 1971.
- PAUL S. GOLDBERG, of Bronx, N. Y., B.S. George Peabody College, 1971.
- ELENA GOULDING, of Baltimore, Md., B.A. Our Lady of Angels College, 1972.
- DANIEL E. HALEVY, of Baltimore, Md., B.A. Dickinson College, 1971.

- PATRICIA LORRAINE HAYES, of Baltimore, Md., B. S. Coppin State College, 1972.
- CHARLES WALTER HEDRICK, of Baltimore, Md., B. A. Loyola College, 1974.
- JANE PATRICIA STEPHENSON HEILL, of Baltimore, Md., B. A. Davis and Elkins College, 1971.
- WILLARD CHARLES HEILMAN, of Baltimore, Md., B. S. California State College, 1965.
- MARCIA ANNE DAVIDSON HENSHAW, of Owings Mills, Md., B. S. Michigan State University, 1972.
- MARGARET JANE WEGIERSKI HRESKO, of Baltimore, Md., B. A. College of Notre Dame of Maryland, 1970.
- SHIRLEY JEAN REYNOLDS HUDDLESTON, of Bel Air, Md., B. S. Indiana State Teachers College, 1952.
- KENNETH LEE JACKSON, of Baltimore, Md., B. S. Towson State College, 1971.
- JOYCE ILEAN JENNINGS, of Glen Burnie, Md., B. S. Coppin State College, 1970.
- JOHN ALLEN JOHNS, of Joppatowne, Md., M. S. Morgan State College, 1969.
- BETTY JANE JOHNSON, of Baltimore, Md., B. S. Bowie State College, 1968.
- HELEN MAYVINE GILLIS JOHNSON, of Baltimore, Md., B. S., Fayetteville State Teachers College, 1959.
- CHARLOTTE KING KAUFMAN, of Baltimore, Md., M. P. H. The Johns Hopkins School of Hygiene and Public Health, 1972.
- LINDA LUCILLE GRIFFITH KESTER, of Jarrettsville, Md., B. A. Mercyhurst College, 1971.
- MARY ANNE DOYLE KIESSLING, of Glen Burnie, Md., B. S. Central Connecticut State College, 1971.
- PAUL CHARLES KRIEWALD, JR., of Millersville, Md., B. A. University of Maryland, 1972.
- BARBARA HULL LAKE, of Kingsville, Md., B. S. Towson State College, 1971.
- LYNN ANN LANGEL, of Bel Air, Md., B. A. University of Kentucky, 1970.
- SHIRLEY GRACE LAWRENCE, of Baltimore, Md., B. A. Towson State College, 1965.
- MICHAEL E. LEE, of Baltimore, Md., B. S. Towson State College, 1964.
- WILBREN WAYNE MCAFEE, of Laurel, Md., B. A. Augusta College, 1974.
- GLENN WORTHINGTON LEWIS, JR., of Baltimore, Md., B. A. University of Maryland, 1973.
- RITA MAY LUKEHART, of Baltimore, Md., B. S. Pennsylvania State University, 1971.
- MARILYN DENNIS McDONALD, of Baltimore, Md., B. S. Coppin State College, 1973.
- GLORIANN POWER MEHLMAN, of Clarksville, Md., B. S. Radford College, 1970.
- MARVIN SIDNEY MILLER, of Baltimore, Md., B. A. University of Maryland, 1967.
- NADINE ELAINE TURLINGTON MILLS, of Baltimore, Md., B. S. Towson State College, 1968.
- DONNELL ANNE JOHNSON MOORE, of Baltimore, Md., B. S. Coppin State College, 1970.
- PATRICIA ANNE HOBSON MORITZ, of Washington, D. C., B. S. The Johns Hopkins University, 1975.
- DARRYL KIETH MYERS, of Bel Air, Md., B. S. Towson State College, 1972.
- NANCY RYAN NAGGAN, of Baltimore, Md., B. A. Radcliffe College, 1959.
- ANNELI HOLTTA NAVARRO, of Baltimore, Md., Cert. Stockholm University, Sweden, 1963.
- HARRYETTE CAPLAN OFFIT, of Lutherville, Md., B. S. Towson State College, 1965.
- WILLIAM JAMES ORLOSKY, of Baltimore, Md., B. S. California State College, 1971.
- IRMA LOCKETT PHILLIPS, of Chase, Md., B. S. Towson State College, 1971.
- ELEANOR ELSIE MUTH PIERSOSCHEK, of Glen Burnie, Md., B. S. Towson State College, 1952.
- VULIA MAE PITTMAN, of Baltimore, Md., B. S. Morgan State College, 1958.
- SHELLEY CHESLOCK POTLER, of Columbia, Md., B. S. University of Maryland, 1970.
- VICTORIA MARIE GERBER POWELL, of Baltimore, Md., B. S. University of Maryland, 1970.
- SHAREN SMOOT PULA, of Baltimore, Md., B. S. University of Maryland, 1972.
- CLAIRE ELLEN RITTERHOFF, of Towson, Md., B. A. Franklin and Marshall College, 1974.
- ROBERTA GWYNN ROBERTS, of Baltimore, Md., B. A. Morgan State College, 1940.
- ROBERT CLYDE RUDE, of Annapolis, Md., B. S. California State College, 1966.
- MILLIE ANN COLEMAN SHAW, of Baltimore, Md., B. A. Johnson C. Smith University, 1965.
- TIMOTHY ALBERT SINCLAIR, of Baltimore, Md., B. A. University of Maryland, 1974.
- CAROLYN LUCRETIA AUSTIN SMITH, of Cockeysville, Md., B. S. University of Maryland, 1970.
- JAMES MERRITT SMITH, of Baltimore, Md., B. A. University of North Carolina, 1973.

- SANDRA HATFIELD SNOW, of Mount Airy, Md., B. S. Towson State College, 1972.
- DORIS THERESA SPANGENBERG, of Baltimore, Md., B. A. University of Maryland, 1973.
- GEORGE ALLEN SPURR, of Baltimore, Md., B. S. Bradley University, 1969.
- ROSETTA SQUIRE, of Baltimore, Md., B. S. Coppin State College, 1971.
- DEIRDRE CORCORAN STAM, of Baltimore, Md., B. A. Radcliffe College, 1962; M. A. New York University, 1965.
- PAUL GERARD STAUB, of Timonium, Md., B. A. St. Vincent College, 1963; M. A. Catholic University of America, 1967.
- SHARON LYNN RENT STEIN, of Laurel, Md., B. S. University of Maryland, 1972.
- CAROL ANN MARSHALL SWARTZ, of Baltimore, Md., B. S. The Johns Hopkins University, 1971.
- THOMAS MARTIN SZERENSITS, of Bel Air, Md., B. A. Pennsylvania State University, 1973.
- KAREN HALDEMAN THOMAS, of Cockeysville, Md., B. S. Longwood College, 1972.
- DOLORES BAK THOMPSON, of Edgewood, Md., B. S. Russell Sage College, 1959.
- EDNA ENNELS THORNTON, of Baltimore, Md., B. S. University of Maryland, 1963.
- MARY LUCILLE VAUGHT TRINKO, of Baltimore, Md., B. S. Towson State College, 1968.
- JOHN ANTHONY TYLER, of Brooklandville, Md., B. A. The Johns Hopkins University, 1964.
- STEPHANIE LIVIE VELLEGGIA, of Baltimore, Md., B. A. George Washington University, 1971.
- GAIL CARTER VESELY, of Baltimore, Md., B. S. University of Maryland, 1971.
- ADRIANA WILHELMINA WARD, of Baltimore, Md., B. S. Tuskegee Institute, 1972.
- JUDITH ELLEN WEBBER, of Baltimore, Md., B. A. Lake Erie College, 1961.
- TIMOTHY ROY WEIDA, of Sykesville, Md., B. A. Muhlenberg College, 1970.
- SUSAN DEBORAH FALCK WEINTRAUB, of Baltimore, Md., B. S. University of Maryland, 1970.
- DAVID MITCHELL WHITELEY, of Towson, Md., B. A. Dartmouth College, 1973.
- SHELDON EUGENE WHITELY, of Kingsville, Md., B. Arch. Virginia Polytechnic Institute, 1973.
- CHARLES ELLSWORTH WOLFKILL III, of Baltimore, Md., B. S. University of Maryland, 1971.
- N. JOSEPH WOLFSHEIMER, JR., of Lutherville, Md., B. A. The Johns Hopkins University, 1975.
- JO ANN WRIGHT, of Baltimore, Md., B. S. Frostburg State College, 1972.

MASTERS OF LIBERAL ARTS

in The Evening College

- NANCY PATRICIA AMODEO AUSTIN, of Columbia, Md., B. A. Oberlin College, 1968; M. A. T. The Johns Hopkins University, 1970.
- NELSON DANIEL AYLING, of Baltimore, Md., B. A. Temple University, 1961.
- LOIS MOLINE BACKSCHEIDER, of Baltimore, Md., B. S. University of Minnesota, 1971.
- MOLLY SUSAN LE VAN BALDI, of Frederick, Md., B. A. Wagner College, 1972.
- BARBARA ANN BARTOL, of Franklin, N. C., B. A. College of Notre Dame of Maryland, 1963.
- SANDRA LOUISE BENSON, of Cockeysville, Md., B. A. Towson State College, 1968.
- FLORENCE SILVERMAN BERDIANSKY BERDANN, of Baltimore, Md., B. A. Goucher College, 1947.
- DARLAINE BLOCKS BONE, of Baltimore, Md., B. A. Purdue University, 1966.
- CAROLE HENDERSON BOWEN, of Randallstown, Md., B. A. Towson State College, 1970.
- SUZANNE JACOBS BRADFORD, of Cockeysville, Md., B. A. Western Maryland College, 1966.
- BARBARA ETHEL BRYANT, of Alexandria, Va., B. A. University of Maryland, 1970.
- NANETTE SAUBER BUGATCH, of Baltimore, Md., B. S., University of Maryland, 1969.
- ELLEN REEDY CADWALADER, of Baltimore, Md., B. A. Loyola College, 1974.
- ROLDAN NORTHUP CAMERON, of Short Hills, N. J., B. A. Connecticut College, 1951.
- ROY ROGER CAUDILL, of Bel Air, Md., B. S. Towson State College, 1971.

- MARY ETHEL CEBRA, of Baltimore, Md., B. S. The Johns Hopkins University, 1971.
- ELEANOR MARIE CELENTANI, of East Rochester, N. Y., B. A. Nazareth College, 1970.
- EDWARD JOSEPH CIDER, of Baltimore, Md., B. S. The Johns Hopkins University, 1972.
- JOAN PATRICIA CLARK, of Lutherville, Md., B. S. The Johns Hopkins University, 1970.
- NORRIS EDWARD DIEFENDERFER, of Hagerstown, Md., B. A. University of Maryland, 1963.
- CAROLYN MOORE DONKervoet, of Baltimore, Md., B. A. Bucknell University, 1950.
- KATHRYN JOANN DONNELLY, of Baltimore, Md., B. A. Western Maryland College, 1973.
- KAREN E. DOUGLAS, of Baltimore, Md., B. S. Towson State College, 1969.
- ROBERT CHARLES DUMAS, of Hyattsville, Md., B. A. University of Maryland, 1968.
- GAY THOMPSON DURDEN, of Joppa, Md., B. S. Georgia Southern College, 1968.
- LINDA JARVIS EBERHART, of Baltimore, Md., B. S. Towson State College, 1971.
- IRMGARD MARGARETE ECK, of Baltimore, Md., B. A. Towson State College, 1972.
- KATHLEEN JEANNE FAY, of Joppa, Md., M. S. L. S. University of North Carolina, 1965.
- THERESA MARIE FLAK, of Baltimore, Md., B. A. Mercyhurst College, 1970.
- CHERYL LEA FLATER, of Owings Mills, Md., B. A. Northeastern University, 1971.
- CLAUDIA JANE FLOYD, of Owings Mills, Md., B. A. Carlow College, 1969; M. A. Duquesne University, 1971.
- SHEILA LYNN CAGEN FRANK, of Baltimore, Md., B. A. State University of New York, 1970.
- ELAINE SONDR ABRAMS FRANKLE, of Baltimore, Md., B. A. Goucher College, 1953.
- ELIZABETH BORDLEY HYDE GAMBLE, of Gibson Island, Md., B. S. Bucknell University, 1971.
- PAMELA KIRKBRIDE GISRIEL, of Baltimore, Md., B. A. University of Pennsylvania, 1973.
- LINDA ARLENE GOLDEN, of Cumberland, Md., B. S. Frostburg State College, 1969.
- LESLIE JEANNE INGRAM GORN, of Baltimore, Md., B. A. Towson State College, 1969.
- HOWARD HALL GREEN, of Baltimore, Md., B. A. Randolph-Macon College, 1933.
- PAMELA JEAN GRIVENS, of Cockeysville, Md., B. S. Shippensburg State College, 1969.
- MICHELLE BOZZI HABERSAT, of Baltimore, Md., B. A. University of Maryland, 1971.
- WILLIAM HAROLD HARDY, of Baltimore, Md., B. A. Central State University, 1964.
- ALAN DANNENBERG HECHT, of Baltimore, Md., B. S. in Econ. The Johns Hopkins University, 1940.
- MARGARET ROSE MOSES HECHT, of Baltimore, Md., B. A. Goucher College, 1943.
- JAMES ALLEN HELFMAN, of Baltimore, Md., B. A. Rutgers University, 1971.
- LORETTA BYRNE HENDERSON, of Baltimore, Md., M. A. University of Missouri, 1964.
- TERESA FRANCIS FLEMING HENDERSON, of Baltimore, Md., B. A. University of Texas, 1967.
- THOMAS RUSSELL HENSLEY, of Baltimore, Md., B. S. Bloomsburg State College, 1973.
- WILBUR CALVIN HICKS, of Baltimore, Md., B. A. Fisk University, 1968; M. A. Harvard University, 1970.
- DALE HILLIARD, of Crofton, Md., B. A. Bowie State College, 1971.
- ANN LYLE HOWARD, of Baltimore, Md., B. A. Elmira College, 1974.
- MARGARET WHITLOW HOWARD, of Baltimore, Md., B. A. Meredith College, 1970.
- JOHN EDWARD HUGHES, JR., of Glen Arm, Md., B. A. Loyola College, 1972.
- NEIL FRANCIS HURDLE, of Essex, Md., B. A. Purdue University, 1971.
- MARY THERESE KELLY, of Baltimore, Md., B. S. Edgecliff College, 1966.
- PHILIP THOMAS KENNEDY, of Baltimore, Md., B. A. University of Maryland, 1971.
- THOMAS HUME KOEHLER, JR., of Baltimore, Md., B. A. The Johns Hopkins University, 1963; M. A. University of Mississippi, 1965.
- WALTER JOSEPH KOZUMBO, of Baltimore, Md., B. A. Princeton University, 1967.
- JAMES MARSHALL KRAMON, of Baltimore, Md., B. S. Carnegie Institute of Technology, 1966; J. D. George Washington University, 1969; LL. M. Harvard University, 1970.
- CAROLYN JO KUEBEL, of Baltimore, Md., B. S. University of Southern Mississippi, 1969.
- ANNE WEBSTER SMALL KURTZ, of Bethesda, Md., B. S. University of Maryland, 1970.
- PETER THOMAS LANGAN, of Columbia, Md., B. S. Colorado State University, 1963.

- MARION LEA LANHAM, of Baltimore, Md., M.A. Bowling Green State University, 1970.
- SANDRA INA LEVIN LEVER, of Baltimore, Md., B.S. Pennsylvania State University, 1956.
- MORRIS BERNARD LEVY, of Baltimore, Md., B.S. Syracuse University, 1949.
- WILLIAM MINOR MAY, of Baltimore, Md., B.Arch. North Carolina State University, 1966.
- PAMELA SUZANNE McCONCHIE, of Baltimore, Md., B.A. Mount St. Agnes College, 1971.
- JEFFERY D. MEYERS, of Abingdon, Md., B.S. Ohio University, 1971.
- JOYCE IRENE MILLER, of Baltimore, Md., B.A. University of Baltimore, 1969; B.Ed. University of Alberta, 1971.
- WILLIAM MILLER, of Baltimore, Md., B.S. The Johns Hopkins University, 1973.
- FLORENCE FISCHER MILLOFF, of Baltimore, Md., B.A. Towson State College, 1965.
- JEAN SCHRAMM MONIER, of Baltimore, Md., B.A. College of Notre Dame of Maryland, 1953.
- CHERIE FAYE MEYER MOORE, of Reston, Va., B.A. University of Evansville, 1966.
- JOANNE MURLEY, of Baltimore, Md., B.A. University of Baltimore, 1971.
- ELIZABETH BROWN MURPHY, of Kingsville, Md., B.S. American University, 1951.
- JANET HOLZAPFEL NEWBERRY, of Baltimore, Md., B.A. Towson State College, 1971.
- PATRICIA ANNE NEWELL, of Baltimore, Md., B.S. College of William and Mary, 1972.
- STEPHANIE HERBIG NOVAL, of Cockeysville, Md., B.S. Duquesne University, 1969.
- ELLEN G. OBERFELDER, of Baltimore, Md., B.A. Wheaton College, 1950; M.Ed. Western Maryland College, 1969.
- JANIS RADA O'NEAL, of Baltimore, Md., B.A. University of Maryland, 1969.
- THORKILD S. PAABY, JR., of Baltimore, Md., B.A. Lafayette College, 1970.
- MARY ELIZABETH PIVEC, of Edgewood, Md., B.A. Towson State College, 1972.
- JOHN FREDERICK POLISZUK, JR., of Baltimore, Md., B.A. University of Maryland, 1972.
- STEPHEN V. PURCHASE, of Baltimore, Md., B.S. University of Maryland, 1969.
- MARGARET ANN REID, of Baltimore, Md., B.A. Morgan State College, 1962; M.A. University of Iowa, 1970.
- RAYMONDE S. ROBERTS, of Baltimore, Md., B.A. Towson State College, 1964.
- DONNA LARENE RUDE, of Baltimore, Md., B.A. University of Maryland, 1968.
- NILOOFAR ZEINAB SADJADI, of Lutherville, Md., B.A. Goucher College, 1974.
- JOAN CARYN MILLER SARKIN, of Baltimore, Md., B.A. University of Maryland, 1973.
- BRIAN HENRY SCHOFIELD, of Baltimore, Md., B.A. University of Louisville, 1960; J.D. University of Maryland, 1974.
- SUSAN BERNSTEIN SCHUSTER, of Baltimore, Md., M.Ed. Loyola College, 1968.
- DOREEN BERG SEKULOW, of Randallstown, Md., B.A. Goucher College, 1960.
- ERWIN M. SEKULOW, of Randallstown, Md., B.A. The Johns Hopkins University, 1959.
- MARY MARSHALL SELDIN, of Baltimore, Md., B.A. University of Baltimore, 1972.
- DAVID JAY SHAFFER, of Baltimore, Md., B.A. Franklin and Marshall College, 1968.
- MARY LOU SHEEHAN, of Baltimore, Md., B.A. College of Notre Dame of Maryland, 1970.
- ALISON JOAN KEACH SHENKUS, of Camp Hill, Pa., B.S. Temple University, 1970.
- JOHN FRANCIS SHERMAN, of Cockeysville, Md., B.A. University of Maryland, 1970.
- THOMAS HERBERT SHRIVER, of Baltimore, Md., B.A. Loyola College, 1972.
- EVERETT GEORGE SILLERS, of Edgewood, Md., B.S. Shippensburg State College, 1963; M.Ed., 1968.
- SANDRA LEE SPENCE, of Randallstown, Md., B.S. The Johns Hopkins University, 1974.
- LINDA CAROL EARL STEEN, of Baltimore, Md., B.S. Western Maryland College, 1971.
- MARSHA LIPSON STEIN, of Baltimore, Md., B.A. University of Maryland, 1972.
- ALLEN LEE STOCKETT, of Baltimore, Md., B.A. University of Maryland, 1967.
- ANNA MARIA OSTROM STOREY, of Baltimore, Md., B.A. College of Notre Dame of Maryland, 1969.
- CYNTHIA LEE STRAUFF, of Hagerstown, Md., B.A. Mount St. Agnes College, 1964.
- MARGARET KARIN SCHLENK SYMONDS, of Baltimore, Md., M.L.S. University of California, Berkeley, 1965.
- MELANIE TARKA, of Baltimore, Md., B.A. George Washington University, 1972.
- JON DOUGLAS TESKE, of Olney, Md., B.A. University of Wisconsin, 1964.

- KAREN JEAN DILEY TOUSSAINT, of Bel Air, Md., B. A. Capital University, 1959.
- WILLIAM EDSON VAN ARNAM, of Baltimore, Md., M. Ed. Bowie State College, 1972.
- EDWARD WOLF VEIT, of Baynesville, Md., M. Ed. Loyola College, 1972.
- KENT HARRISON WALKER, of Columbia, Md., B. Ed. University of Toledo, 1963; M. A. University of Maryland, 1968.
- JOYCE DARBY WALTERS, of Columbia, Md., B. A. University of Maryland, 1971.
- MARCIA WENDY WEINBERGER, of Baltimore, Md., B. A. University of Maryland, 1973.
- MARGARET LANE WHITEHEAD, of Baltimore, Md., B. S. Ohio State University, 1970; M. S. University of Washington, 1972.
- ALLAN JOHN WILLIAMSON, of Youngstown, Ohio, B. A. Athenaeum of Ohio, 1970.
- THOMAS CHARLES WIMSATT, of Columbia, Md., B. A. The Johns Hopkins University, 1973.
- FREDRICA MARCUS WITZKE, of Baltimore, Md., B. A. Lake Erie College, 1965.
- MARION FREYER WOLFF, of Bethesda, Md., B. S. The Johns Hopkins University, 1955.
- ERITHA VON DER GOLTZ YARDLEY, of Baltimore, Md., B. A. Bryn Mawr College, 1951.
- GAIL SOKOLOW ZLOTOWITZ, of Randallstown, Md., B. A. University of Maryland, 1971.
- PETER WILLIAM ZWERLING, of Baltimore, Md., B. S. University of Colorado, 1967.
- RICHARD JOHN ZWOLINSKI, of Olney, Md., B. A. University of Maryland, 1972.

MASTERS OF ADMINISTRATIVE SCIENCE

in The Evening College

- ADENIYI OADEJO ADEDIJI, of Baltimore, Md., B. S. Virginia Union University, 1974.
- LEROY MONROE BINGHAM, of Spring Grove, Pa., M. S. University of Maine, 1966.
- BARBARA TICKNER BLISS, of Baltimore, Md., B. A. Guilford College, 1972.
- MILTON JOHN BORGOYN, of Glen Burnie, Md., B. S. University of Pittsburgh, 1952.
- KENNETH A. BORIG, of Baltimore, Md., B. A. The Johns Hopkins University, 1969; B. S., 1972.
- JAMES LOUIS BOYER, of Cleveland, Ohio, B. S. E. University of Michigan, 1965.
- ANDREW LOUIS BRANDENBURG, of Bowie, Md., B. A. University of Tulsa, 1962; B. A. 1963; J. D. 1965.
- RICHARD JACKSON CHAMBLISS, JR., of Baltimore, Md., B. S. E. E. University of Virginia, 1969.
- HARRY BRIAN DEADY, of Baltimore, Md., B. A. University of Maryland, 1970.
- EVELYN LAVONNE DOUGLASS, of Baltimore, Md., B. A. Morgan State College, 1969.
- THOMAS VINCENT ENGLISH, of Odenton, Md., B. S. Gannon College, 1970.
- ROBERT OLAN FELTER, of Arnold, Md., M. A. University of Maryland, 1968.
- ANDREW LADD GILCHRIST, of Cockeysville, Md., B. A. University of Maryland, 1973.
- FRANK PAUL GLADSKY, JR., of Cockeysville, Md., B. S. LaSalle College, 1960; M. Ed. Loyola College, 1968.
- LESLIE GOLDEN, of Baltimore, Md., B. A. Mount Holyoke College, 1971.
- HARRY DETWILER GOTWALS, of Lutherville, Md., B. A. The Johns Hopkins University, 1969.
- JOHN CHARLES GRAY, of Baltimore, Md., B. S. University of Baltimore, 1969.
- MICHAEL VINCENT GUTOWSKI, of Towson, Md., B. S. University of Baltimore, 1973.
- JANET MOYLE HARRYMAN, of Arnold, Md., B. S. The Johns Hopkins University, 1972.
- PETER STEPHEN HOROS, of Baltimore, Md., B. A. Villanova University, 1970; M. A., 1972.
- THOMAS HAYES HOULE, of Reisterstown, Md., B. S. Newark College of Engineering, 1973.
- DONALD JOSEPH IMWOLD, of Lutherville, Md., B. A. University of Maryland, 1965.
- THOMAS JOSEPH KANE, JR., of Baltimore, Md., B. S. Loyola College, 1957.
- MARGARET ANN KEARNEY, of Baltimore, Md., B. A. Duke University, 1971.
- ROBERT WASHINGTON LEE, JR., of Baltimore, Md., B. E. S. The Johns Hopkins University, 1962; M. S. Drexel Institute, 1968.
- RAYMOND EDWARD LYNCH, of Cockeysville, Md., B. C. E. University of Delaware, 1969.
- MICHAEL CRAIG MALLOY, of Baltimore, Md., B. E. S. The Johns Hopkins University, 1972.

- JOHN JAMES MASAITIS, of Pasadena, Md., B.A. University of Maryland, 1973.
- JOHN FRANKLIN MAYHORNE, of Baltimore, Md., B.S. Towson State College, 1972.
- WAYNE THOMAS MCLEWEE, of Baltimore, Md., B.S. Towson State College, 1973.
- ROBERT IRVING MEISLER, of Baltimore, Md., B.S. Drexel Institute of Technology, 1963.
- ROBERT EDWARD MELEWSKI, of Kingsville, Md., B.S. Drexel University, 1971.
- RICHARD SCOTT METZ, of Baltimore, Md., B.S. Ohio State University, 1969.
- ROBERT SHIPLEY MEYERS, of Sykesville, Md., B.S. The Johns Hopkins University, 1971.
- EDO UDO NKANTA, of Baltimore, Md., B.B.A. Wichita State University, 1970; M.B.A. Morgan State College, 1974.
- JAMES THOMAS O'BRIEN, of Baltimore, Md., B.A. Temple University, 1971.
- JANET CLAIRE PLITT, of Catonsville, Md., B.A. Hood College, 1971.
- JAMES ASHLAND PURYEAR, of Richmond, Va., B.S.C.E. Virginia Military Institute, 1969.
- NICHOLAS EDWIN ROCKECHARLIE, of Baltimore, Md., B.S. Loyola College, 1968.
- ROBERT ALLEN ROSEN, of Baltimore, Md., B.S. Drexel University, 1970.
- PAULA SINGER SANDLER, of Baltimore, Md., B.S. Cornell University, 1973.
- GARY LEE SOBER, of Owings Mills, Md., B.S. University of Baltimore, 1973.
- VISHWA PRAKASH SRIVASTAVA, of Belcamp, Md., B.C. University of Allahabad, 1958.
- DAVID ALLEN WAGNER, of Catonsville, Md., B.S. United States Naval Academy, 1964.
- BERNARD WILLIAM WALKER, of Baltimore, Md., B.S. The Johns Hopkins University, 1969; B.S.E., 1973.
- CHARLES EUGENE WALSH, JR., of Baltimore, Md., B.E.S. The Johns Hopkins University, 1971; M.A., 1973.
- JAMES JOHN WEBBER, of Arnold, Md., B.S. The Johns Hopkins University, 1971.
- PAUL FRANCIS ZETLMEISL, of Baltimore, Md., B.S. Towson State College, 1970.
- LOREN NISAN ZIMMERMAN, of Towson, Md., B.A. University of Connecticut, 1969; M.S. Syracuse University, 1972.

CERTIFICATES OF ADVANCED STUDY

in The Evening College

- FLORA AISENBERG, of Baltimore, Md., B.A. Towson State College, 1973; M.Ed. The Johns Hopkins University, 1974. Education.
- BEATRICE WILLIAMS AVERY, of Baltimore, Md., B.S. State Teachers College, Bowie, 1954; M.Ed. Loyola College, 1967. Education.
- AGNES YEMESI AYENI, of Baltimore, Md., M.Ed. Coppin State College, 1974. Education.
- RONALD LEE BALLARD, of Hagerstown, Md., M.A. San Francisco State College, 1970. Liberal Arts.
- MARY HEINEMAN BALTUS, of Baltimore, Md., B.S. The Johns Hopkins University, 1960; M.L.A., 1968. Education.
- DORIS KING BARCLAY, of Baltimore, Md., M.S. Morgan State College, 1971. Education.
- ELZIA BARCO, JR., of Baltimore, Md., M.S. Morgan State College, 1974. Education.
- ANN ELLIOTT BOESE, of Baltimore, Md., M.A. University of Kansas, 1968. Education.
- THEODORE JOSEPH BOOTH, of Alexandria, Va., B.A. Marshall College, 1964; M.L.A. The Johns Hopkins University, 1973. Liberal Arts.
- ETTA MAE BROWER, of Baltimore, Md., M.Ed. Loyola College, 1969. Education.
- EDWARD LOUIS BURY, of Baltimore, Md., B.S. University of Maryland, 1965; M.Ed. Towson State College, 1973. Education.
- BRUCE ORVILLE BUTZ, of Bel Air, Md., B.S. Towson State College, 1970; M.S. The Johns Hopkins University, 1974. Education.
- RONALD IRA CAPLAN, of Baltimore, Md., M.Ed. Coppin State College, 1971. Education.
- CHARLES EDWARD CAREY, of Denton, Md., M.Ed. University of Maryland, 1971. Education.
- DANIEL JOSEPH CASHMAN, of Baltimore, Md., B.A. Fordham University, 1954; M.L.A. The Johns Hopkins University, 1973. Liberal Arts.
- PHILIP RUSSELL CHAPMAN, of Baltimore, Md., M.A. University of Michigan, 1965. Liberal Arts.
- BERNADETTE MARY CHARRON, of Forest Hill, Md., M.A. St. Michael's College, 1967. Education.
- MYRTLE BAILEY COCKRELL, of Baltimore, Md., B.S. Morgan State College, 1965; M.Ed. The Johns Hopkins University, 1970. Education.

- MARGARET LARENE COOLEY, of Abingdon, Md., B. S. Towson State College, 1932; M. L. A. The Johns Hopkins University, 1966. Liberal Arts.
- KATHERINE RICKERT COULSON, of Silver Spring, Md., M. Ed. Temple University, 1970. Education.
- NELSON COVER, JR., of Baltimore, Md., B. A. The Johns Hopkins University, 1970; M. A. San Francisco State College, 1972. Liberal Arts.
- JANET KEPLINGER CYZYK, of Baldwin, Md., B. S. Towson State College, 1960; M. S. The Johns Hopkins University, 1973. Education.
- JULES MAX DE FRIES, of Baltimore, Md., B. S. Towson State College, 1951; M. Ed. The Johns Hopkins University, 1963. Education.
- ELIZABETH ANN DICEMBRE, of Baltimore, Md., M. Ed. Goucher College, 1970. Education.
- JULIA MAE DOZIER, of Baltimore, Md., B. S. Morgan State College, 1969; M. Ed. Coppin State College, 1972. Education.
- JUDITH ANN FERGUSON, of Glen Burnie, Md., B. A. Trenton State College, 1965; M. A. University of Maryland, 1969. Liberal Arts.
- JEANETTE PASCHAL FICHTER, of Laurel, Md., B. A. University of Nebraska, 1971; M. Ed. The Johns Hopkins University, 1974. Education.
- STEPHEN WILLIS FISHER, of Baltimore, Md., B. A. Haverford College, 1962; M. Ed. The Johns Hopkins University, 1969. Education.
- GERTRUDE HAHN FLEMING, of Westminster, Md., B. S. Towson State College, 1970; M. Ed., 1972. Education.
- THOMAS ANTHONY FORTINO, of Baltimore, Md., B. S. Southeastern University, 1967; M. Ed. Coppin State College, 1972. Education.
- HILDEGARDE FRIEMAN, of Baltimore, Md., B. S. University of Maryland, 1970; M. S. The Johns Hopkins University, 1975. Education.
- ARTHUR FRANCIS FROTTON, of Finksburg, Md., B. A. Seton Hall University, 1954; M. A., 1969. Education.
- PATRICIA COHEN GOLD, of Columbia, Md., B. S. University of Maryland, 1966. Education.
- CHRISTINE BROWN HALL, of Baltimore, Md., M. S. W. University of Pennsylvania, 1961. Education.
- EARLENE MOZELLE HAMMONDS, of Baltimore, Md., M. S. Morgan State College, 1972. Education.
- ANN LOUISE HARRIS, of Glyndon, Md., B. A. University of Hawaii, 1970; M. Ed. The Johns Hopkins University, 1973. Education.
- DEBORAH PRICE HARRIS, of Baltimore, Md., M. A. New York University, 1954. Education.
- DONNA RAE HOLDEMAN HELLER, of Timonium, Md., M. A. University of Kentucky, 1973. Education.
- JOANNE MARIA BUCCERONI HILTON, of Glen Burnie, Md., B. A. Trenton State College, 1965; M. A. Montclair State College, 1972. Liberal Arts.
- WILLIAM DAVID HUMBERT, of Reisterstown, Md., B. A. Houghton College, 1962; M. A. University of Connecticut, 1963. Education.
- LOUIS NORMAN KAMM, of Pasadena, Md., M. Ed. Towson State College, 1972. Education.
- FREDERICK PAUL KESTER, of Jarrettsville, Md., M. Ed. Coppin State College, 1971. Education.
- EARL BENJAMIN KING, of Bel Air, Md., B. A. Johnson Bible College, 1954; B. A. University of Maryland, 1969; M. Ed. University of Pittsburgh, 1963; M. L. A. The Johns Hopkins University, 1974. Liberal Arts.
- MICHELE LAPIN, of Baltimore, Md., B. A. University of Maryland, 1968; M. Ed. Loyola College, 1974. Education.
- MARTHA ANN McMILLAN MCCOY, of Timonium, Md., M. Ed. Towson State College, 1974. Education.
- ROSEMARY JENKINS MCKECHNIE, of Baltimore, Md., B. A. Barnard College, 1952; M. Ed. The Johns Hopkins University, 1972. Education.
- FRANCES SHORES MEGINNIS, of Baltimore, Md., M. A. University of Maryland, 1965. Liberal Arts.
- HELENE NEUFELD, of Baltimore, Md., B. S. University of Maryland, 1971; M. Ed. The Johns Hopkins University, 1974. Education.
- JOYCE MARIE NICHOLSON, of Randallstown, Md., B. A. Point Park College, 1970; M. Ed. The Johns Hopkins University, 1973. Liberal Arts.
- ANN ELIZABETH PARKS, of Forest Hill, Md., M. Ed. Boston University, 1968. Education.
- CARRIE VESTILLA PEAT, of Baltimore, Md., B. S. Coppin State College, 1944; M. Ed. The Johns Hopkins University, 1971. Education.
- JOHN CLINTON PEDDICORD, of Baltimore, Md., B. A. Towson State College, 1968; M. Ed., 1972. Education.
- FRANK STEVE PETERKA, JR., of Baltimore, Md., B. S. University of Maryland, 1970; M. Ed. The Johns Hopkins University, 1973. Education.
- ADELE PEARL SINSKY PROPPER, of Baltimore, Md., B. S. The Johns Hopkins University, 1970; M. Ed. Loyola College, 1973. Education.
- ADELE WARREN QUEEN, of Baltimore, Md., M. A. New York University, 1957. Education.
- SUE ANN GREY REECE, of Lanham, Md., B. S. University of Maryland, 1965; M. S., 1972. Liberal Arts.
- GAIL MERLE RICKETTS, of Fallston, Md., B. A. Washington College, 1961; M. Ed. The Johns Hopkins University, 1970. Education.
- KATHERINE DELON RUFFIN, of Baltimore, Md., B. S. Morgan State College, 1963; M. Ed. The Johns Hopkins University, 1972. Education.

- MARTHA FRANCES MILLER SAYWELL, of Baltimore, Md., B. S. Colorado State University, 1970; M. Ed., 1972. Education.
- MARGARET PAMELA SCHIEMER, of Baltimore, Md., A. A. Catonsville Community College, 1969; B. S. Towson State College, 1970; M. Ed., 1973. Education.
- CALEB B. SMITH, of Baltimore, Md., M. Ed. Coppin State College, 1973. Education.
- KATHLEEN KERR SOMERS, of Laurel, Md., B. S. Towson State College, 1972; M. Ed. Loyola College, 1973. Education.
- ROBERT MICHAEL SORIN, of Columbia, Md., B. S. Towson State College, 1971; M. Ed. The Johns Hopkins University, 1975. Education.
- SHIRLEY YOLANDA NOEL STILLS, of Baltimore, Md., B. A. Morgan State College, 1957; M. S. The Johns Hopkins University, 1975. Education.
- BARBARA RAY SWEETLEY, of Baltimore, Md., B. A. Antioch College, 1972; M. Ed. Coppin State College, 1973. Education.
- JOHN CARROLL TISCHINGER, of Baltimore, Md., M. A. West Virginia University, 1968. Liberal Arts.
- JAMES HOWARD TOLLIVER, of Baltimore, Md., B. A. Morgan State College, 1965; M. Ed. Coppin State College, 1970. Education.
- ROSANNE TRINKA, of Baltimore, Md., M. S. State University of New York, 1974. Education.
- TONI-JEANNE TURNER, of Silver Spring, Md., B. S. Howard University, 1968; M. A. Northwestern University, 1970. Education.
- DIANE JEAN WHITE, of Towson, Md., B. S. The Johns Hopkins University, 1971; M. S., 1973. Education.
- JUDITH DICK WILLNER, of Baltimore, Md., B. A. University of Maryland, 1965; M. F. A. University of Massachusetts, 1972. Liberal Arts.

MASTERS OF SCIENCE

in The School of Hygiene and Public Health

- ROBERT NORMAN ADAMS, of Baltimore, Md.; B. A. The Johns Hopkins University, 1971. Biochemical and Biophysical Sciences.
Preliminary Studies on Cellular Repair by Cultured Human Fibroblasts of Ultraviolet Irradiation Induced Damage in Vesicular Stomatitis Viral RNA.
- CHEKIB MOHAMED ALGUEMI, of Redeyef, Tunisia; M. S. University of Tunis, 1971. Environmental Health.
Effects of Cyclic Nucleotides and Prostaglandins on the Oxidative Metabolism of Human Polymorphonuclear Leukocytes.
- LEE R. BARKER, of Bethesda, Md.; B. A. Harvard University, 1962; M. D. The Johns Hopkins University School of Medicine, 1966. Health Care Organization.
A Comparison of Two Sampling Methods for Classifying Blood Pressure Control in Hypertensive Patients.
- SUSAN MARY BREFACH, of Paramus, N. J.; B. S. Rensselaer Polytechnic Institute, 1973. Environmental Health.
A Cytogenetic Study of Fanconi's Anemia.
- RIDHA DAMAK, of Sfax, Tunisia; B. A. University of Tunis, 1966. Population Dynamics.
A Comparative Study of Age Reporting in Tunisia, Algeria, and Morocco.
- MICHAEL PAUL ERIKSEN, of State College, Pa.; B. A. The Johns Hopkins University, 1972. Public Health Administration.
An Evaluation of the Effectiveness of an Informal Learning Situation on Increasing the Nutritional Knowledge of Health Professionals.
- ANNE LOUISE PRATT GIROUX, of Fairfield, Maine; B. A. University of Maine, 1972. Public Health Administration.
Study of the Normal Signal Detection Curve for Pure Tones.
- CHERYL MONICA GUTMANN, of Chicago, Ill.; B. A. University of Maryland, 1970. Health Care Organization.
Utilization of Primary Care Services for Social or Emotional Problems.
- DANA LEWISON, of Baltimore, Md.; B. A. Barnard College, 1971. Health Care Organization.
An Analysis of the Components of Inpatient Satisfaction.
- BONNIE KATHLEEN MASSEY, of Newport News, Va.; B. S. Mary Washington College, 1971. Biochemical and Biophysical Sciences.
Effects of Inhibitors of Energy Metabolism on DNA Transport in "Haemophilus influenzae."
- PHILIP MARC NEUSTADT, of Baltimore, Md.; B. A. The Johns Hopkins University, 1973. Biochemical and Biophysical Sciences.
Isolation of Anti-Angiotensin 1 Antibody from Plasma of Angiotensin 1 Immunized Rabbits by Affinity Chromatography.
- KWASI POKU, of Accra, Ghana; M. B. Ch. B. University of Ghana Medical School, 1972. Biostatistics.
Risk of Streptococcal Infection in Rheumatic and Non-Rheumatic Families: An Application of the Greenwood Chain Binomial Model.

VICKI L. PORTER-FINK, of Ann Arbor, Mich.; B. S. University of Southern California, 1972. Environmental Health. *Measurement of Blood Flow to Bone and Bone Marrow.*

SOEHARSONO SOEMANTRI, of Surabaya, Indonesia; B. Sc. Academy of Health Controller, 1965. Population Dynamics.

Study of the Indonesian Economically Active Population (Demographic Aspect).

SUSAN TONASCIA, of Baltimore Md.; B. A. Carleton College, 1959. Biostatistics.

An Evaluation of Automatic Record Linkage in Follow-up Studies.

YUPIN SONGPAISAN, of Bangkok, Thailand; D. D. S. Mahidol University, 1970; M. P. H., 1971. Epidemiology. *Immunological Response During Pregnancy.*

MELINDA LUCILLE THOMAS, of Baltimore, Md.; B. S. University of Maryland, 1972. Public Health Administration.

The Effects of a Treatment Team's Adherence to Community Mental Health Ideology on Discharge Measures of Chronic Mental Patients.

MASTERS OF HEALTH SCIENCE

in The School of Hygiene and Public Health

CAROL ELLEN ARGYROPOULOS, of Baltimore, Md.; B. A. Adelphi University, 1973. Comprehensive Health Planning.

CARL BOWMAN BAILEY, of Baltimore, Md.; B. S. University of Maryland, 1971. Environmental Health.

ALAN BAYER, of Baltimore, Md.; B. A. University of Maryland, 1971; M. A. New School for Social Research, 1974. Comprehensive Health Planning.

BERTRAM WEBER BERNEY, of Owings Mills, Md.; B. A. Colgate University, 1975. Environmental Health.

VINCENT F. ELLIOTT, of Towson, Md.; B. S. Towson State College, 1968. Operations Research.

KATHLEEN A. ELLIS, of Baltimore, Md.; B. A. University of Chicago, 1973. Comprehensive Health Planning.

ELISA ESLER, of Baltimore, Md.; B. S. The Johns Hopkins University, 1969. Comprehensive Health Planning.

RICHARD WILLIAM ESTERLY, of Langley Park, Md.; B. A. University of Maryland, 1968. Comprehensive Alcoholism Services.

JOSEPH BERKOW FINKELSTEIN, of Baltimore, Md.; B. S. Albright College, 1974. Comprehensive Health Planning.

SANDRA WESTGATE FITZGERALD, of Annapolis, Md.; A. B. University of Chicago, 1962. Comprehensive Alcoholism Services.

SHARYN BOWMAN GREBERMAN, of Columbia, Md.; A. B. University of Maryland, 1974. Mental Hygiene.

MORRIS ADELSDOF HILL, of Cockeysville, Md.; B. B. A. College of William and Mary, 1957. Comprehensive Alcoholism Services.

IRIT HOCHERMAN, of Haifa, Israel; B. A. Hebrew University, 1967. Biostatistics.

MARY CAROL HOFFER, of San Diego, Cal.; B. A. The Johns Hopkins University, 1972. Comprehensive Health Planning.

KAREN ANNE KELLEY, of Baltimore, Md.; B. A. Elmira College, 1967. Comprehensive Health Planning.

PAUL WOLFGANG LICHTENSTEIN, of Baltimore, Md.; B. A. The University of Connecticut, 1973. Comprehensive Health Planning.

SUSAN KATHLEEN MALONEY, of Baltimore, Md.; B. A. College of Mount St. Joseph, 1971. Comprehensive Alcoholism Services.

CAROL WADE MARLING, of Dalton, Ga.; B. A. Boston University, 1974. Comprehensive Health Planning.

ROBIN JOY MENES, of Washington, D. C.; B. A. University of Wisconsin, 1974. International Health.

FREDERIC A. NASS, of Baltimore, Md.; A. B. St. Joseph's College, 1957. International Health.

ALICE JAYNE PAYTON, of Morris, N. Y.; B. S. Cornell University, 1974. Human Genetics.

MARC ROSENTHAL, of Los Angeles, Cal.; B. A. University of California, 1974. Human Genetics.

STEPHEN PAUL SEGAL, of Short Hills, N. J.; A. B. Washington University, 1968. Comprehensive Alcoholism Services.

FALAH HASSAN SHAMSA, of Najaf, Iraq; B. S. Mosul University, 1970. Biostatistics.

ROBERT V. SHEAR, of Orchard Park, N. Y.; B. S. State University of New York at Buffalo, 1972. Comprehensive Alcoholism Services.

JOHN H. SHEEHAN, of Honeybrook, Pa.; B. A. University of Puget Sound, 1964. Comprehensive Alcoholism Services.

WILLIAM A. SPENCER, of Houston, Tex.; B. A. Georgetown University, 1974. Comprehensive Health Planning.

MARK HOWARD TABAK, of Baltimore, Md.; B. S. University of Maryland, 1972. Comprehensive Health Planning.

PORAPAN VARAVEJ, of Bangkok, Thailand; M. D. Mahidol University, 1964; M. P. H. University of North Carolina, 1968. Epidemiology.

JAMES LEONARD WAURIN, of Baltimore, Md.; B. S. Mount St. Mary's College, 1973. Human Genetics.

DAVID ANDERSON WHITTAKER, of Cincinnati, Ohio; B. S. Yale University, 1948. Comprehensive Alcoholism Services.

HOE-JER WU, of Baltimore, Md.; B. S. National Tsing Hua University, 1971. Biostatistics.

MASTERS OF PUBLIC HEALTH

in The School of Hygiene and Public Health

MOHAMMED JASIM ALKHASHALI, of Baghdad, Iraq; M.B.B.Ch. Baghdad University, 1971.

NICHOLAS G. ALLARD, of St. Thomas, U. S. Virgin Islands; D. D. S. University of Kiel, 1968.

MARCIE ANNE BARTON, of San Diego, Cal.; B. S. University of California, 1964; M. S., 1969.

NAOMI BAUMSLAG, of Decatur, Ga.; M. B. B. Ch. University of Witwatersrand, 1956.

JUTHIKA BHAUMIK, of Baltimore, Md.; M. B. B. S. Calcutta Medical College, 1964.

SANFORD M. BIENEN, of Laurel, Md.; B. A. Queens College, 1957; M. A. University of Maryland, 1961; Ph. D., 1962.

MARGARET BRADY, of Baltimore, Md.; B. S. Syracuse University, 1971.

C. ROOSEVELT BUSH, of Baltimore, Md.; D. D. S. Howard University, 1963.

W. PATRICK CARNEY, of Rockville, Md.; B. A. St. Thomas, 1960; B. S. Western Montana College, 1962; Ph. D. University of Montana, 1967.

ERNEST ROMESH CHANDER, of Baltimore, Md.; M. B. B. Ch. Christian Medical College, 1964; M. D. All India Institute of Medical Sciences, 1969.

VIJAY CHANDRA, of Baltimore, Md.; M. B. B. S. All India Institute of Medical Sciences, 1973.

PAUL POO LIANG CHANG, of Chevy Chase, Md.; M. B. National Taiwan University Medical School, 1959.

SUSAN LANE CHAUDRY, of Rockville, Md.; B. S. N. Catholic University of America, 1970.

TSUNG-YAO CHIEN, of Taiwan, Republic of China; M. B. China Medical College, 1965.

FENG-YING CHIU, of Baltimore, Md.; M. B. National Taiwan University College of Medicine, 1970.

ABDULLAH CHOLIL, of Jakarta, Indonesia; M. D. University of Indonesia, 1965.

A. T. SHAFIQ AHMED CHOWDHURY, of Chittagong, Bangladesh; M. B. B. S. Chittagong Medical College, 1972.

ABUL QASEM CHOWDHURY, of Dacca, Bangladesh; M. B. B. S. Dacca Medical College, 1967.

MARCUS CONTARDO, of Baltimore, Md.; B. A. Florida Atlantic University, 1971, M. D. The Johns Hopkins University School of Medicine, 1975.

MARY FRANCES COTTER, of Silver Spring, Md.; B. A. Catholic University of America, 1968; M. A. University of Maryland, 1970.

WOODROW STRAYER DELLINGER, JR., of Red Lion, Pa.; B. S. Lebanon Valley College, 1963; M. S. Marshall University, 1967.

ERNEST V. DEMOSS, of Bethesda, Md.; A. B. Princeton University, 1944; M. D. The Johns Hopkins University School of Medicine, 1946.

LAURENCE DESI, of Baltimore, Md.; B. S. Loyola College, 1971; M. D. University of Maryland School of Medicine, 1975.

CYNTHIA THEADORA DOWERS, of Brooklyn, N. Y.; B. A. Jersey City State College, 1974.

JOSEPH S. FOX, of Randallstown, Md.; B. A. Fairleigh Dickinson University, 1970; D. P. M. New York College of Podiatric Medicine, 1974.

CHARLES A. FRANKENHOFF, JR., of Scarsdale, N. Y.; B. S. Yale University, 1943; M. A. St. Louis University, 1955; Ph. D. Georgetown University, 1963.

SANDRA ANN GALE, of Baltimore, Md.; B. S. N. University of Texas, 1973.

JAMES LAWDER GAMBLE, of Gibson Island, Md.; B. A. Colorado College, 1970; M. D. University of Miami Medical School, 1974.

ASHOUR OMAR GEBREEL, of Tripoli, Libyan Arab Republic; M. B. B. Ch. Ainslams University, 1967; M. P. H. Advanced Medical Institute, 1971.

- ROBERTA LOUISE GILL, of Baltimore, Md.; B.A. American University, 1969; J.D. University of Maryland Law School, 1972.
- MARIE-LOUISE GOULET, of West Chester, Pa.; B.S. Immaculata College, 1969.
- NATHAN GRACE, of Miami Beach, Fla.; B.A. New York University, 1942; D.D.S. St. Louis University, 1946.
- DAVID JEFFREY GREIFINGER, of South Orange, N. J.; B.S. University of Maryland, 1969; M.D. University of Maryland School of Medicine, 1973.
- MICHAEL GUARNIERI, of Baltimore, Md.; B.S. University of Notre Dame, 1962; M.S. Ohio State University, 1965; Ph.D., 1967.
- ROBERT LOUIS HAMILTON, of Bronx, N.Y.; B.S. Norfolk State College, 1969; D.D.S. Howard University, 1973.
- RICHARD F. HAMMAN, of Baltimore, Md.; B.S. Michigan State University, 1968; M.D. Case Western Reserve School of Medicine, 1972.
- PAULETTE CAMILLE HILL, of Baltimore, Md.; B.S. Central State University, 1969; M.D. New York Medical College, 1974.
- MARIA J. HOLUBOWSKY, of Beamsville, Ontario, Canada; B.S.N. University of Ottawa, 1973.
- SUSAN MAGUIGAN HUEMMER, of Baltimore, Md.; B.S.N. Columbia University, 1968.
- JOSEPH V. JERARDI, of Baltimore, Md.; A.B. St. Joseph's College, 1962; M.S.W. Atlanta University, 1971.
- DAVID EDGAR JOHNSON, of Glen Burnie, Md.; B.S. Wheaton College, 1971; M.D. University of Minnesota, 1974.
- MARY MARTHA JONES, of Baltimore, Md.; B.S.N. University of Maryland, 1974.
- KAREN ORLOFF KAPLAN, of McLean, Va.; A.B. Goucher College, 1964; M.S.W. Ohio State University, 1966.
- ALFREDA ANNE ELIZABETH SIMONS KARTHA, of Toronto, Ontario, Canada; B.S.N. University of Toronto, 1971.
- KAMBIZ KASRA, of Tehran, Iran; M.D. Pahlavi University, 1967.
- TAKEFUMI KONDO, of Tokyo, Japan; M.D. Keio University, 1964.
- ALEXANDER EDWARD KUEHL, of Baltimore, Md.; B.A. The Johns Hopkins University, 1966; M.D. Upstate Medical Center, 1970.
- CHRISTINE FRANCES KUHLMAN, of Exeter, N. H.; B.S. Boston College, 1970.
- JASMINE NETOS LAMPADARIOS, of Baltimore, Md.; B.S. Purdue University, 1968; B.S.N. Columbia University, 1971.
- CHUNG-FU LAN, of Keelung, Taiwan, Republic of China; D.D.S. Taipei Medical College, 1970; M.P.H. National Taiwan University, 1973.
- FAITH CONNOLLY LARMORE, of Sykesville, Md.; B.S.N. University of Maryland, 1972.
- JOSEPH PETER LAURELLI, JR., of Newburgh, N.Y.; B.S. Fordham College, 1968; M.D. Creighton University School of Medicine, 1972.
- CHARLES EDWARD LAWRENCE, of Baltimore, Md.; B.A. Rutgers University, 1961; Ph.D. Indiana University, 1971.
- CAROL LEWIS, of Cabin John, Md.; A.B. Radcliffe College, 1955; M.A.T. The Johns Hopkins University, 1962; M.S.W. University of Maryland School of Social Work, 1966.
- DIANE SUSAN LEWIS, of Dixon, Cal.; B.S. Sacramento State College, 1962.
- PHILIP GAYLORD LEWIS, of Washington, D.C.; B.S. Widener College, 1972.
- EH CHAW LIU, of Charlottesville, Va.; M.D. Kaohsiung Medical College, 1966.
- FRANCISCO J. LÓPEZ-ANTUÑANO, of Mexico City, Mexico; M.D. National University of Mexico, 1954.
- RAYMOND BRENT MACK, of Towson, Md.; B.S. Roanoke College, 1967.
- FARIDA MAJID, of Peshawar, Pakistan; M.B.B.S. University of the Panjab, 1967.
- TEJ SINGH MALLA, of Kathmandu, Nepal; M.B.B.S. Medical College of Calcutta, 1959.
- CHARLOTTE MANOHARAN, of Ambur, India; M.B.B.S. Madurai Medical College, 1962; M.D. Christian Medical College Hospital, 1970.
- JEAN-PIERRE P. MARTIN, of Libramont, Belgium; M.D. Université Catholique de Louvain, 1969.
- ANNAMARIE MCCULLION, of Baltimore, Md.; B.S.N. Catholic University of America, 1968.
- KATHLEEN VIRGINIA MCKNIGHT, of Arlington, Va.; B.S.N. University of Virginia, 1974.
- MOHAMMAD RAFIQ MIAZAD, of Kabul, Afghanistan; M.D. Kabul University, 1969.
- REBECCA F. MORELAND, of Youngstown, Ohio; B.S.N. University of Virginia, 1974.
- JAMES MWAKALUKWA, of Dar Es Salaam, Tanzania; M.B. Ch.B. Makerere University College, 1970.
- CHERYL A. OPALACK, of Pottstown, Pa.; B.A. Temple University, 1970; D.O. Philadelphia College of Osteopathic Medicine, 1974.
- THOMAS E. PARK, of Bethesda, Md.; B.A. Denison University, 1962.
- PATRICIA ANN PAYNE, of Baltimore, Md.; B.S.N. University of Virginia, 1974.
- THOMAS ARTHUR PEARSON, of Wautoma, Wis.; B.A. The Johns Hopkins University, 1973.
- HAROLD PINCKNEY, of Kingston, N. Y.; B.S. South Carolina State College, 1962.

- MARGARET M. POINTEK, of Swoyersville, Pa.; B. S. N. University of Pittsburgh, 1954; M. Litt., 1959.
- GLENN L. POST, of New York, N. Y.; A. B. New York University, 1968, M. D. State University of New York at Buffalo, 1972.
- PATRICIA LEE PRATHER, of Tacoma, Wash.; B. S. N. University of Washington, 1971.
- PAMELA SHIPLEY PUTMAN, of Catonsville, Md.; B. S. University of Maryland, 1969.
- D. MARGARET JOYCE RELYEA, of Waterloo, Ontario, Canada; B. S. N. University of Toronto, 1959.
- LAURINDA GRACE RYAN, of Philadelphia, Pa.; B. S. St. Louis University, 1966; B. S. N. Catholic University of America, 1968.
- MANOOCHHEHR SAADAT, of Baltimore, Md.; M. D. University of Tehran, 1961.
- MOHAMMAD YAQUB SALEHI, of Kabul, Afghanistan; M. D. Kabul University, 1969.
- MARTHA CLAIRE GREEN SCHELER, of Baltimore, Md.; B. S. University of Maryland, 1972.
- ROSE MARIE SCHNEIDER, of Baltimore, Md.; B. S. N. Catholic University of America, 1974.
- NORMAN JAMES SCHUMAN, of Baltimore, Md.; B. A. New York University, 1972; D. D. S. Temple University, 1973.
- SANDRA EILEEN SEFF, of Randallstown, Md.; B. S. The Johns Hopkins University, 1973.
- GORDON RICHARD SEIDENBERG, of Boca Raton, Fla.; B. S. Union College, 1970; M. P. A. Cornell University, 1972.
- HOSSEINALI SHAHIDI, of East Norwich, N. Y.; M. D. Pahlavi University, 1971.
- ABUL KASEM MUHAMMED SIDDIQUE, of Dacca, Bangladesh; M. B. B. S. University of Dacca, 1966.
- PETER ROY SIMON, of Baltimore, Md.; B. A. Cornell University, 1968; M. D. State University of New York Upstate Medical School, 1974.
- PATRICIA M. SMITH, of Baltimore, Md.; A. B. Goucher College, 1949; M. D. The Johns Hopkins University School of Medicine, 1953.
- THOMAS MICHAEL SMITH, of New Carlisle, Ohio; D. V. M. Ohio State University, 1969.
- MORAKINYO OLAJIDE SOGBANMU, of Ile-Ife, Nigeria; M. B. Ch. B. University of Glasgow, 1966.
- LAUREL AXELROD SPIELBERG, of Bethesda, Md.; B. A. Douglass College, 1969; M. A. University of Chicago, 1971.
- ALAN FREDERICK STAGE, of Littleton, Col.; B. S. E. E. University of Colorado, 1969; M. D. University of Colorado Medical School, 1975.
- SHIRLEY RHONA STERN, of Baltimore, Md.; B. S. N. University of Maryland, 1973.
- MARIJA STRNAD-PESIKAN, of Zagreb, Yugoslavia; M. D. University of Zagreb, 1966; M. P. H. Andrija Stampar School of Public Health, 1969.
- RICHARD M. TAFFETT, of Randallstown, Md.; B. S. Massachusetts College of Pharmacy, 1969.
- ERNEST TOMOYUKI TAKAFUJI, of Columbia, Md.; B. A. University of Hawaii, 1966; M. D. University of New Mexico, 1971.
- SHUICHI TANI, of Tokyo, Japan; M. D. University of Chiba, 1963.
- VALLOP THAINEUA, of Rajburi, Thailand; M. D. Mahidol University, 1969.
- PENN THAONG-AN, of Phnom Penh, Cambodia; M. D. Moscow Faculty of Medicine, 1966.
- ROBERT JOSEPH THOMAS, of Omaha, Ne.; B. S. Loyola University, 1962; M. S. Iowa State University, 1964; Ph. D., 1968.
- WILLEM GERRIT VAN ARKEL, of Bloemendaal, The Netherlands; M. D. Free University, 1969.
- ROBERT VAN VEIGA, of Washington, D. C.; B. A. Northeastern University, 1969; M. D. Chicago Medical School, 1973.
- LURLINE V. WALKER, of Baltimore, Md.; B. S. Tuskegee Institute, 1969; M. S. University of Illinois, 1971.
- MIRIAM KHAMADI WERE, of Nairobi, Kenya; M. B. Ch. B. University of Nairobi, 1973.
- WENDY WHEAT, of Baltimore, Md.; B. S. Columbia University, 1965.
- MARION B. WHITTINGTON, of Annandale, Va.; B. S. University of California, 1943.
- MARGARET MONSON WILLIAMS, of Ashton, Md.; B. S. N. University of Maryland, 1969.
- RICHARD ANTHONY WINDSOR, of Baltimore, Md.; B. S. Morgan State College, 1969; M. S. University of Illinois, 1970; Ph. D., 1972.
- RALPH E. YODAIKEN, of Decatur, Ga.; M. B. B. Ch. University Witwatersrand, 1956.

MASTERS OF INTERNATIONAL PUBLIC POLICY

in The School of Advanced International Studies

- JULIENNE ANNEH AKOBE-DUKULY, of Abidjan, Ivory Coast, B. A. Western College, 1973.
- IBRAHIM TAHA AYOUB, of Khartoum, Sudan, B. A. University of Khartoum, 1964.
- HAMZA AZIZ, of Dar-es-Salaam, Tanzania, Certificate, Police College (England), 1962.
- PAUL BOMANI, of Dar-es-Salaam, Tanzania, Diploma Loughborough Cooperative College, 1954.
- MOHAMED OSMAN EL NIGOURI, of Khartoum, Sudan, B. Sc. University of Khartoum, 1964.
- GABRIEL GBLOR FARNGALO, of Monrovia, Liberia, B. Sc. University of Liberia, 1956; M. Sc. Ed. University of Wisconsin, 1958.
- SINAI ISRAEL FRENKEL, of Chevy Chase, Md., B. A. Hebrew University, 1957; M. A. Yeshiva University, 1960; Ph. D. Oklahoma State University, 1966.
- JOHN FLORIAN KORDEK, of Springfield, Va., B. A. De Paul University, 1964.
- RODNEY SCOTT NATHAN, of McLean, Va., B. A. University of Colorado, 1970.
- JAMES RENTSCHLER, of Washington, D. C., B. A. Yale University, 1955.
- JACK H. SHELLENBERGER, of Bethesda, Md., B. S. Northwestern University, 1952.
- CLAUDIUS JOSEPHOS THOMAS, of Freetown, Sierra Leone, B. Sc. Fourah Bay College, 1971.

MASTERS OF ARTS IN INTERNATIONAL AFFAIRS

in The School of Advanced International Studies

- MARKUS FREUND, of Linz, Austria, Dr. jur. University of Graz, 1973.
- KARL ADALBERO KUMPFMÜLLER, of Stadl-Paura, Austria, Dr. jur. University of Graz, 1973.
- GABRIELE LAUENSTEIN, of Hamburg, Germany, 2. Staatsprüfung University of Hamburg, 1974.
- MÜMIN CÜNEYT ÜLSEVER, of Istanbul, Turkey, B. A. Bogaziçi University, 1974.

MASTERS OF ARTS

in The School of Advanced International Studies

- HAREB MASOOD AL-DARMAKI, of Abu Dhabi, U. A. E., B. Sc. Bristol University, 1974.
- GEORGE R. ALLIN III, of Arlington, Va., B. S. United States Military Academy, 1970.
- JAMES STEPHEN AMELANG, of Louisville, Ky., B. A. Oberlin College, 1974.
- DALE ERNEST ANDREW, of W. Lafayette, Ind., B. A. Carleton College, 1971.
- ELIZABETH ANTHONY, of Chevy Chase, Md., B. A. The American University, 1974.
- DOLORITA MARIE BAECHER, of Whitestone, N. Y., B. A. College of Mt. St. Vincent, 1974.
- LYNNE BANTLE, of Chatsworth, Calif., B. A. Mills College, 1974.
- WILLIAM WILKES BEDDOW, of Bethesda, Md., B. A. Colgate University, 1974.
- LÉONCE M. BEKEMANS, of Bruges, Belgium, Licenciata Catholic University Leuven, 1974.
- JAROSLAW BILOUS, of Rochester, N. Y., B. A. Canisius College, 1970.
- JOHN RICHARD BORLAND, of Berlin, N. J., B. A. St. Joseph's College, 1971.
- KATHARINE CURTIN BRENGLE, of Concord, Mass., B. A. Radcliffe College, 1971.
- KATHLEEN MARGERA BRENNAN, of Toledo, Ohio, B. A. Douglass College, 1972.
- MARTIN GEORGE BRENNAN, of San Francisco, Calif., B. A. University of California, Berkeley, 1971.

- STELLA LIVINGSTON BRITTON, of Georgetown, S. C., B. A. Bennett College, 1973.
- PAMELA CANDICE BROWN, of Bloomfield Hills, Mich., B. A. Kalamazoo College, 1974.
- CHRISTOPHER WARREN BURDICK, of Fair Lawn, N. J., B. A. University of California, Berkeley, 1974.
- ERNESTO CASTELLANOS, of Mexico City, Mexico, Licence in Economics National University of Mexico, 1971.
- MARY CLAIRE CHOKSI, of Chevy Chase, Md., B. A. University of Minnesota, 1972, M. P. A., 1974.
- CHARLES IRVIN COHEN, of Bethesda, Md., B. A. Oberlin College, 1972.
- SAMUEL JUDAH COHEN, of Cleveland Heights, Ohio, B. A. Brandeis University, 1974.
- CARLO L. COP, of Deurne, Belgium, Licenciata University of Antwerp, 1974.
- SUSAN DEE CORONIS, of Winchester, Mass., B. A. Ohio Wesleyan University, 1974.
- RICHARD LEON CREIGHTON, of Chestertown, Md., B. A. Washington College, 1973.
- ROBERT CARL DAHLBERG, of Rockford, Ill., B. A. Lawrence University, 1966; M. A. University of North Carolina, 1971.
- EILEEN PATRICIA DRIPCHAK, of Haworth, N. J., B. A. Tufts University, 1974.
- MARCIA ALMENA DUNCAN, of Roxbury, Mass., B. A. Radcliffe College, 1974.
- BRUCE ALAN EXSTRUM, of Hastings, Neb., B. A. Beloit College, 1971.
- RICHARD ALLEN EYCHNER, of Rome, N. Y., B. A. Utica College of Syracuse University, 1974.
- SUSAN R. FINDLAY, of St. Albans, N. Y., B. A. Wesleyan University, 1974.
- CARMELO LAWRENCE FOTI, of Yonkers, N. Y., B. A. Fordham University, 1974.
- GIORGIO FRANCESCONI, of Lugo, Italy, Laurea University of Bologna, 1970.
- CHRISTINE FRY, of Newbury Park, Calif., B. A. Monterey Institute, 1974.
- WILLIAM VAUGHAN GARNER, of Richmond, Va., B. A. University of California, Los Angeles, 1971.
- BRIAN CHARLES GENDREAU, of Falls Church, Va., B. A. Northwestern University, 1973.
- KENNETH NEWCOMER GILPIN III, of Boyce, Va., B. A. Union College, 1972.
- LAWRENCE DAVID GILSON, of Beverly Hills, Calif., B. A. Claremont Men's College, 1970.
- GEORGE ALLEN GLASS, of Richardson, Texas, B. A. Tufts University, 1974.
- CHARLES F. GOLDSMITH, of Long Island City, N. Y., B. A. State University of New York at Binghamton, 1974.
- RICHARD STEPHEN GREEN, of Evergreen Park, Ill., B. A. Carleton College, 1973.
- ROBERT SHELLEY GUEST, of Camp Hill, Pa., B. S. United States Military Academy, 1969.
- JOHN JULIAN HAMRE, of Clark, S. D., B. A. Augustana College, 1972.
- DAVID LEE HANLON, of Scituate, Mass., B. A. Holy Cross College, 1970.
- LISA ANN HEAD, of Houston, Texas, B. A. Vanderbilt University, 1974.
- RAY MANNING HELTERLINE, of Portland, Ore., B. A. Reed College, 1972.
- ANDREW SMYTH HEYDEN, of Austin, Texas, B. A. The American University, 1974.
- JOHN DAVID HOPPE, of Baraboo, Wisc., B. A. University of Notre Dame, 1973.
- PAUL MARIE JEAN FRANCOIS JADOT, of Brasschaat, Belgium, Licenciata St. Ignatius University, 1974.
- PHILIP SAMUEL JESSUP, of Washington, D. C., B. A. Amherst College, 1967.
- MARGOT FIALA JONES, of Glastonbury, Conn., B. A. Princeton University, 1974.
- REBECCA LORIE JORDAN, of Dallas, Texas, B. A. Austin College, 1974.
- ALFRED DUNBAR KLEINDIENST, of McLean, Va., B. A. Harvard College, 1971.
- WILLIAM E. KNOWLAND, JR., of Largo, Fla., B. A. Antioch College, 1974.
- TIMOTHY STEPHEN KOLLY, of Royal Oak, Mich., B. A. University of Michigan, 1971.
- ELAINE BETSY LASSON, of Baltimore, Md., B. A. Barnard College, 1974.
- ROBERT DAVID LEAHY, of Miami, Fla., B. A. Loyola University of New Orleans, 1974.
- DAVID RUSSELL LEE, of Laguna Beach, Calif., B. A. University of California at Berkeley, 1973.
- EDWARD MORSE LEE, of Tryon, N. C., B. A. Goddard College, 1973.
- JANOS TIBOR LEHEL, of Silver Spring, Md., M. A. Kossuth University, 1964.
- GEORGE D. LEVIDIS, of Athens, Greece, Law degree Athens University, 1964.
- PAUL MICHAEL LIEBENSON, of Highland Park, Ill., B. A. Tufts University, 1973.
- MARY RHODES LINDLEY, of Tucson, Ariz., B. A. Occidental College, 1969.
- MARK WALKER LOVE, of Providence, R. I., B. A. Haverford College, 1972.
- WILLIAM EDWARD LUNZ, of Irvington, N. J., B. S. F. S. Georgetown University, 1974.

- BRUCE PETER MALASHEVICH, of Fair Lawn, N.J., B.A. Princeton University, 1974.
- LUIGI MALESCI, of Los Angeles, Calif., B.A. Loyola University of Los Angeles, 1974.
- FERNANDO REYES MANIBOG, of Manila, Philippines, B.A., B. S. De LaSalle University, 1973.
- JOSEPH BOTHWELL MCFARLAND, of Indian Harbour Beach, Fla., B.A. Princeton University, 1974.
- FRANCIS PHILLIP MCGUIRE, of Halifax, Nova Scotia, B.A. Dalhousie University, 1973; C.E.P. Institut d'Etudes Politiques, 1974.
- MARY DEBORAH MILLS, of Tegucigalpa, Honduras, B.A. Connecticut College, 1973.
- MARSHALL HALL MILLSAP, of Dallas, Texas, B.A. Princeton University, 1974.
- MILTIADES C. MILTIADOU, of Cyprus, B.A. Macalester College, 1974.
- ANIBAL MIRANDA, of Asuncion, Paraguay, Licenciado, Catholic University of Paraguay, 1973.
- ELIANE NAJROS, of Nosy-le-Sec, France, Licence Droit University of Paris-Nord, 1974.
- KAREN JEAN NURICK, of Mechanicsville, N.Y., B.A. Beloit College, 1973.
- VINCENT C. O. NWANZE, of Silver Spring, Md., B.A. University of Guelph, 1974.
- JERRY ANETO OKAFOR, of Aba, Nigeria, B.S. State University of California at Long Beach, 1974.
- RENE H. OLIVIERI, of Citrus Heights, Calif., B.A. University of Oregon, 1974.
- W. ANDREW OSTERMAN, of Churchville, Pa., B.A. Hamilton College, 1972.
- CARLA PALMIERI, of Rome, Italy, Laurea University of Rome, 1974.
- JASON HOLLOMAN PARKER, of Washington, D.C., B.A. Princeton University, 1964.
- RICHARD GEORGE PAYNE, of Westbury, N. Y., B.A. State University of New York at Albany, 1973.
- CHAILENDU KENLOCK PEGUES, of Riverside, Calif., B.A. Occidental College, 1974.
- ROBERT READ PENN, of Austin, Texas, B.A. Duke University, 1974.
- CHRISTOPHER STUART PFAFF, of Wilmette, Ill., B.A. Dartmouth College, 1974.
- CARLOS FRANCISCO POZA, of Santurce, Puerto Rico, B.A. Yale University, 1974.
- JOHN CHARLES QUIGLEY, JR., of Wheaton, Ill., B.A. Ohio Wesleyan University, 1974.
- FRANCIS CROWNSHIELD RECORD, of Brookline, Mass., B.A. Harvard College, 1972.
- JAMES DOUGLASS REGAN, of Weston, Mass., B.A. Dartmouth College, 1974.
- DIPAK KUMAR ROY, of New Delhi, India, B.A. Antioch College, 1974.
- MARSHA ANN RYAN, of San Francisco, Calif., B.A. University of San Francisco, 1973.
- SAIKOU SAIDY, of Banjul, The Gambia, B.A. Dartmouth College, 1974.
- RICHARD ALLEN SCHRADER, of Ft. Mitchell, Ky., B.S. United States Military Academy, 1972.
- ELLEN THÉRÈSE SCUDDER, of San Francisco, Calif., B.S. Santa Clara University, 1973.
- JAMES HAROLD SHADKO, of Southfield, Mich., B.A. Illinois Wesleyan University, 1974.
- KAZUYUKI SHIMADA, of Osaka, Japan, B.A. Kyoto University, 1974.
- ROBERT CHARLES SHUFELDT, of Washington, D.C., B.A. Washington and Lee University, 1972.
- ANGIE FRANK SMITH III, of Houston, Texas, B.A. Williams College, 1974.
- LINDA USRA SOFFAN, of Springfield, Mass., B.A. University of Massachusetts at Amherst, 1974.
- BETSY ELLEN STILLMAN, of Swampscott, Mass., B.A. Tufts University, 1974.
- LAIROLD MAURICE STREET, of Akron, Ohio, B.A. Oberlin College, 1974.
- SCOTT ANTHONY STUPAY, of Elgin, Ill., B.A. University of Illinois, 1974.
- WALTER THOMAS SUTTLE, of Suttle, Ala., B.A. University of the South, 1971.
- THEODORE MCCORMICK TRACY, JR., of Pittsburgh, Pa., B.A. Colgate University, 1973.
- ANN LOUISE TRIFONE, of Scituate, Mass., B.A. Tufts University, 1974.
- G. MICHAEL TUEK, of Baltimore, Md., B.A. University of Maryland, 1974.
- GODWILL EFIONG UKPONG, of Ikot Ekpene, Nigeria, M. Sc. Kharkov Institute of Technology, 1974.
- SUTHEP VACHARAPONGPREECHA, of Bangkok, Thailand, B.A. Thammasat University, 1971.
- KATHERINE MARIE VALYI, of Bronx, N. Y., B.A. Carleton College, 1973.
- WILLEM HANDRIK VAN DER LEEUW, of Ede, The Netherlands, Kandidaats, Rijksuniversiteit Groningen, 1974.
- ROBERT MICHAEL WALTER, of Auburn, Ind., B.A. Indiana University, 1969.
- DIANA LYNNE WATTS, of Independence, Mo., B.A. William Woods College, 1973.
- MICHAEL DENNIS WHITE, of Walpole, Mass., B.A. Boston College, 1974.
- GEORGE THOMAS WILLIAMSON, of Brunswick, Ga., B.A. Tulane University, 1974.

ANN ELIZABETH WOODS, of Cresco, Iowa, B. A. Lake Forest College, 1973.

PRESCOTT PABST WURLITZER, of Milwaukee, Wisc., B. A. Princeton University, 1972.

ROBERT DEAN WURWARG, of East Islip, N. Y., B. A. Syracuse University, 1972.

JOHN JOSEPH YARMICK, of Bronx, N. Y., B. A. Fordham University, 1973.

NANCY VIRGINIA YINGER, of Oberlin, Ohio, B. A. Carleton College, 1974.

BOEVI AGGREY ZANKLI, of Lagos, Nigeria, B. A. Howard University, 1969.

MASTERS OF ARTS

in The Faculty of Medicine

JON PATTON COULTER, of Pittsburgh, Pa., B. A. Washington & Jefferson College, 1970. Art as Applied to Medicine.

Histologic Variations in Ovarian Mesothelial Neoplasms.

ALEXIS JULIA LAVINE, of Baltimore, Md., B. S. University of Maryland, 1973. Art as Applied to Medicine.

Infertility: Causes, Diagnosis, and Treatment. A Self-Instructional Slide-Tape Program.

GERALD DENNIS LEE, of North Riverside, Ill., A. A. Hartnell College, 1969; B. S. Sonoma State College, 1972. Microbiology.

The Development of an Antibody-Inhibition Assay and Its Use in Characterizing an Inactive Derivative of Factor B of the Properdin System.

SHIRLEY ELLEN PODUSLO, of Baltimore, Md., B. Sc. Ohio State University, 1963. Anatomy.

Incorporation Studies with Bulk Isolated Rat Neurons Maintained for Twenty-four Hours.

JOAN MARTHA MOYER SCHWING, of Reading, Pa., B. S. Michigan State University, 1971. Physiological Chemistry.

The Generation and Characterization of Adenovirus 2 SV40-Hybrids.

MARC STUART WALTER, of Wynnewood, Pa., B. A. Swarthmore College, 1971. Pharmacology and Experimental Therapeutics.

Opiates and the Neural Paths for Pain.

MASTERS OF SCIENCE IN ENGINEERING

in the Faculty of Arts and Sciences

ANTHONY FRANCIS ABRUZZINI, of Binghamton, N. Y., B. A. The Johns Hopkins University, 1973. Environmental Engineering.

Some Immunological and Genetic Considerations in the Cultivation of Aquatic Organisms.

CHUNG-MIN CHAO, of Taipei, Taiwan, B. S. National Chiao Tung University, 1970. Electrical Engineering.

PAUL NICHOLAS DACKOW, of Elmwood Park, N. J., B. E. S. The Johns Hopkins University, 1976. Electrical Engineering.

IRWIN DOLINER, of Baltimore, Md., B. S. Loyola College, 1972. Mathematical Sciences.

JOHN CHRISTIAN DUKE, JR., of Baltimore, Md., B. E. S. The Johns Hopkins University, 1973. Mechanics and Materials Science.

Simultaneous Acoustic Emission and Ultrasonic Attenuation Monitoring of the Mechanical Deformation of Aluminum.

JONATHAN LEE HIGDON, of Towson, Md., B. E. S. The Johns Hopkins University, 1975. Mechanics and Materials Science.

Induced Drag in Formation Flight.

THOMAS WALTER JERARDI, of Baltimore, Md., B. S. Drexel Institute of Technology, 1967. Mathematical Sciences.

MICHAEL HUDSON KATES, of Baltimore, Md., B. E. S. The Johns Hopkins University, 1976. Electrical Engineering.

THOMAS ANTHONY KING, of Baltimore, Md., B. E. S. The Johns Hopkins University, 1972. Environmental Engineering.

A Model of Aluminum Phosphate Precipitation in Wastewater Treatment.

RONALD ALAN KLINE, of Greenbelt, Md., B. E. S. The Johns Hopkins University, 1974. Mechanics and Materials Science.

The Spectral Analysis of Acoustic Emission Signals.

- YUH-LIN LIANG, of Nanking, Republic of China, B. S. National Chiao Tung University, 1970. Electrical Engineering.
- ROBERT SHU MAO, of Taipei, Taiwan, B. S. National Taiwan University, 1968. Electrical Engineering.
- TIMOTHY SCOTT MARGULIES, of San Francisco, Calif. Mechanics and Materials Science.
Viscothermal Theory of Sound Wave Propagation in Chemically Reacting Mixtures of Nondiffusive Fluids.
- LOUIS DAVID NAMAN, of Iowa City, Iowa, B. S. Carnegie Institute of Technology, 1966; M. S. E. University of Florida, 1971. Electrical Engineering.
- YOUNG-CHUL PARK, of Inchon, Korea, B. S. Seoul National University, Korea, 1969. Electrical Engineering.
- JOHN PARKER, of Elmhurst, N. Y., B. E. Stevens Institute of Technology, 1974. Electrical Engineering.
- FELICE MARIO SCIULLI, of Gamberale, Italy, B. S. University of Pittsburgh, 1973. Electrical Engineering.
- MANSOUR SEDAGHAT, of Teheran, Iran. Environmental Engineering.
Implementation of the Noninferior Set Estimation Method for Bicriterion Problems.
- MATHILDE BENVENISTE SUTOW, of Thessaloniki, Greece, B. A. University of Pennsylvania, 1968. Mathematical Sciences.
- STANFORD DANIEL WARD, of Houston, Texas, B. S. University of Houston, 1969; M. S., 1971. Environmental Engineering.
A Method for Analyzing an Approach to the Regulation of Natural Monopolies in Hazardous Waste Management Systems.

MASTERS OF ARTS

in the Faculty of Arts and Sciences

- KIRK JOSEPH ABBEY, of Monmouth, Ill., B. A. Rockford College, 1971. Chemistry.
- REBECCA MCCLURE ALBURY, of Sydney, Australia, B. S. The Johns Hopkins University, 1970. Political Science.
To Meet A Contingent Danger: Intelligence and Intervention in the Dominican Republic April 24-May 2, 1965.
- RODNEY CHARLES ANDERSON, of Baltimore, Md., B. S. University of West Florida, 1973. Physics.
- EILEEN JANE AWE, of Garden City, N. Y., B. A. The Johns Hopkins University, 1976. Romance Languages.
Vincent van Gogh: Is the Message of his Art Decipherable?
- HARRIET ERICA FRIED BABER, of Paterson, N. J., B. A. Lake Forest College, 1971. Philosophy.
- KEVIN ANTHONY BABIAK, of Yonkers, N. Y., B. S. Fordham University, 1971; M. S. University of Delaware, 1974. Chemistry.
- DEIRDRA BROOK BALDWIN, of Erie, Pa. Writing Seminars.
Breaking Up the Oven.
- JOHN MARSHAK BARON, of St. Louis, Mo., B. A. Hobart College, 1972. Writing Seminars.
Fix-It.
- WILLIAM HENLEY BARTHOLOMEW, of Memphis, Tenn., B. A. Rutgers University, 1962. History of Art.
- MOHAMED BENDEBBA, of Tunis, Tunisia, B. A. University of Maryland, 1973. Psychology.
- MICHAEL STUART BERNSTEIN, of Arlington, Va., B. A. University of Michigan, 1973. History.
Crime and Punishment in Baltimore in the Nineteenth Century.
- ALAN BETTEN, of Worcester, Mass., B. A. Brown University, 1973. Political Science.
Free Speech vs. Privacy: The Resolution of a Libertarian Conflict.
- DAVID L. BLOCKUS, of Wilkes Barre, Pa., B. A. University of Pennsylvania, 1972. Physics.
- EDWARD LOUIS BOGGS III, of Williamsville, N. Y., B. A. The Johns Hopkins University, 1973. Romance Languages.
- FLINT BRAYTON, of Springfield, Mass., B. S. Brown University, 1972. Political Economy.
- MARTIN BROWN, of Brooklyn, N. Y., B. A. Antioch College, 1975. Writing Seminars.
White Elephant.
- LARRY PHILIP BRUNNER, of Ellicott City, Md., B. A. Oberlin College, 1974. Political Economy.
- WILLIAM E. CAIN, of Cambridge, Mass., B. A. Tufts University, 1974. English.
- WILLIAM RODGERS CALTRIDER, JR., of Baltimore, Md., B. A. Yale University, 1969. Education.
- FRANCESCO CARAMAZZA, of Montreal, Quebec, Canada, B. A. Sir George Williams University, Canada, 1970; M. A., 1971. Political Economy.
- HOWARD CARNEY, JR., of Nashville, Tenn., B. S. George Peabody College for Teachers, 1963. Biophysics.

- STEPHEN SPARRELL CARPENTER, of Boston, Mass., B. A. Colby College, 1967; M. A. University of Minnesota, 1972. History of Art.
- DENNIS PAUL CARROLL, of Grantville, Pa., B. S. Cornell University, 1971. Chemistry.
- EVAN BRUCE CARTON, of Bellefonte, Pa., B. A. Columbia University, 1974. English.
- FRANCIS JAMES CATANIA, JR., of Chester, Pa., B. A. Dickinson College, 1973. Writing Seminars.
No one knows the Air of which he Speaks.
- MARC JEROME CHAPDELAINE, of Manchester, N. H., B. A. College of the Holy Cross, 1971; M. S., 1973. Chemistry.
- HUBERT JOHN CHARLES, of Portsmouth, Dominica, W. I., B. A. University of the West Indies, 1972. History.
- KUO-IN CHEN, of Taipei, China, B. S., National Tsing Hua University, 1971. Physics.
- ROBERT THOMAS CLABBY II, of Denver, Colo., B. A. Colorado College, 1974. Political Science.
The Supreme Court and State Regulation of Political Parties: New Dilemmas, Traditional Answers, and Party Government Theory.
- SARA CHRISTINE CLARK, of Des Moines, Iowa, B. A. DePauw University, 1970. Classics.
- DOUGLAS EDWARD CROWELL, of Dallas, Texas, B. A. Rice University, 1974. Writing Seminars.
Four Chapters from an Untitled Novel in Progress.
- DOUGLAS ARTHUR DAILEY, of Ann Arbor, Mich., B. A. University of Michigan, 1970. Political Science.
Max Weber's Methodology: A Critical Contemporary Critique.
- KATHLEEN MARY DALTON, of Martinez, Calif., B. A. Mills College, 1970. History.
- STEPHEN PAUL DAURIO, of Brooklyn, N. Y., B. A. Yale University, 1973. Psychology.
- DIANE MOTT DAVIDSON, of Honolulu, Hawaii, B. A. Stanford University, 1970. History of Art.
- WILLIAM EVERETT DELANEY, JR., of Port Arthur, Texas, B. A. Rice University, 1961; M. S. Columbia University, 1962. History.
- JOHN PHILIP D'ENTREMONT, of West Point, N. Y., B. A. University of Virginia, 1972; M. A., 1974. History.
- WILLIAM JOHN DEVITT, of Salem, Mass., B. A. College of the Holy Cross, 1974. German.
- ALBERTO DEVOTO, of Cagliari, Italy, Laurea in Physics University of Cagliari, 1970. Physics.
- WILLIAM CRAIG DIAMOND, of Washington, D. C., B. A. University of Chicago, 1970; M. A. University of Iowa, 1973. History.
- STEPHEN ALEXANDER DONATELLI, of Philadelphia, Pa. Writing Seminars.
Four Fictions.
- JANICE EIDUS, of New York, N. Y., B. A. City College of City University of New York, 1973. Writing Seminars.
Thinly Disguised Fiction.
- BRADLEY PARK ETHERTON, of New Orleans, La., B. A. Rice University, 1972; M. Ch. E., 1972. Chemistry.
- LINDA DARNELL FAISON, of Kenansville, N. C., B. S. North Carolina College at Durham, 1971. Biology.
- DANIEL BRIAN FALLON, of Oceanside, N. Y., B. A. State University of New York at Stony Brook, 1971. English.
- THOMAS RAYMOND FEDYSZYN, of Dunkirk, N. Y., B. S. United States Naval Academy, 1969. Political Science.
European Socialism and the Colonial Question, 1848-1918.
- HARRISON MICHAEL FISHER, of New York, N. Y., B. A. American University, 1975. Writing Seminars.
Hysteron-Proteron.
- JAY FOGELMAN, of Chicago, Ill., B. A. Lake Forest College, 1972. Philosophy.
- ELAINE SPICER FRIEBELE, of Asheville, N. C., B. S. Salem College, 1970. Geography.
Phosphorus Metabolism in a Brackish Water Plankton Community Containing a Bloom of the Ciliate, Mesodinium Rubrum.
- PAUL RICHARD GENEGA, of Lynbrook, N. Y., B. A. Georgetown University, 1971. Writing Seminars.
Dragging the Lake.
- JEROEN GERRITSEN, of Leiden, The Netherlands, B. S. Antioch College, 1974. Earth and Planetary Sciences.
- SCOTT FREDERICK GILBERT, of New York, N. Y., B. A. Wesleyan University, 1971. History of Science.
Sex Determination and the Embryological Origins of the Gene Theory.
- JOHN DAVID GILLIES, of Rochester, N. Y., B. A. Colgate University, 1975. Classics.
- JAMES PAUL GIRVES, of Akron, Ohio, B. S. Ohio State University, 1974. Biology.
- JOHN HENRY GLASCOCK, of Fairfield, N. J., B. A. The Johns Hopkins University, 1965. Political Science.
The United States Commission on Civil Rights: An Analysis of the Institutionalization of Its Role.
- JAMES DICKEY GOODYEAR, JR., of Richmond, Va., B. A. Hartwick College, 1967. History.
- MICHAEL RAYMOND GORMAN, of Overland Park, Kans., B. A. The Johns Hopkins University, 1975. Physics.
- GEORGE JOSEPH GRABOWSKI, JR., of Needham, Mass., B. S. Bucknell University, 1974. Earth and Planetary Sciences.
- TIMOTHY ALLEN GREEN, of Smithsburg, Md., B. A. The Johns Hopkins University, 1975. Mathematical Sciences.

- CARL JOSEPH GUARNERI, of Yonkers, N. Y., B. A. University of Pennsylvania, 1972; M. A. University of Michigan, 1974. History.
- GEORGE FRANKLIN HARTIG, JR., of Pittsburgh, Pa., B. S. St. Vincent College, 1973. Physics.
- MELFORD JAMES HENDERSON, of Birmingham, Ala., B. S. Bishop College, 1972. Biology.
- HARRY MORTON HERSH, of Saco, Maine, B. S. E. E. Northeastern University, 1970. Psychology.
- QUEENE FERRY HOOPER, of Baltimore, Md., B. A. Vassar College, 1973. Writing Seminars.
Some Stories.
- LLOYD HENRY HOWARD, of Los Angeles, Calif., B. A. University of British Columbia, 1973. Romance Languages.
- JEN-HWA HSU, of Taipei, Taiwan, B. S. National Tsing Hua University, 1972. Physics.
- KAZUHIRO IGAWA, of Mihara Hiroshima, Japan, B. A. Hiroshima University, 1968; M. A. Osaka University, 1970. Political Economy.
- TAMI YVETTE ISAACS, of Elizabeth, N. J., B. S. Rensselaer Polytechnic Institute, 1974. Chemistry.
- RUTH EVELYNE ISKIN, of Jerusalem, Israel, B. A. Hebrew University of Jerusalem, 1970. History of Art.
- THOMAS MICHAEL JACKLIN, of Meadville, Pa., B. A. Allegheny College, 1971. History.
- MARK DAVID JOHNSTON, of Puyallup, Wash., B. A. University of Oregon, 1974. Romance Languages.
- BETH BARUCH JOSELOW, of Washington, D. C., B. A. George Washington University, 1969. Writing Seminars.
The April Wars.
- JAMES THURMAN KAHN, of Philadelphia, Pa., B. A. Dickinson College, 1975. Writing Seminars.
Landscaping.
- TIMOTHY JOHN KELLEY, of Shaker Heights, Ohio, B. A. Dartmouth College, 1974. Philosophy.
- DANIEL JOSEPH KERKMAN, of Baltimore, Md. Chemistry.
- MOHAMMAD ZUBAIR KHAN, of Peshawar, Pakistan, B. A. Punjab University, 1971; M. S. Islamabad University, Pakistan, 1972. Political Economy.
- EDITH DEBORAH KLINGSBERG, of New York, N. Y., B. A. University of Rochester, 1973. German.
- KATHRYN GAYL KRAMER, of Annapolis, Md., B. A. Marlboro College, 1975. Writing Seminars.
The New Ice Age.
- DIANE LEE KRASNER, of Shaker Heights, Ohio, B. A. The Johns Hopkins University, 1975. Near Eastern Studies.
- SHIRO KURIHARA, of Utsunomiya, Japan, B. E. University of Tokyo, 1971. Political Economy.
- PAUL KYRITSOGLOU, of Athens, Greece, License in Sciences Economiques, Université Libre de Bruxelles, Belgium, 1974. Political Economy.
- NAOMI RABOY LAMOREAUX, of Pittsburgh, Pa., B. A. State University of New York at Binghamton, 1972. History.
- MEEI-YOU LEE, of Taipei, China, B. S. National Central University, Taiwan, 1973. Mathematics.
- HOWARD LEONARD LEHMAN, of Newark, N. J., B. A. Pace College, 1968. Philosophy.
- WILHELMINA ARLEEN LEIGH, of Washington, D. C., B. A. Cornell University, 1970. Political Economy.
- CHERIE JOYCE LENZEN, of Chicago, Ill., B. A. MacMurray College, 1969. Near Eastern Studies.
- MONICA ANN LINDH, of Pittsfield, Mass., B. A. Vassar College, 1975. Writing Seminars.
Artifact and Other Stories.
- MICHAEL LOUIS, of Castries, West Indies, B. A. University of the West Indies, Cave Hill Campus, 1973. History.
- PATRICK IRWIN MAHONEY, of Albuquerque, N. M., B. A. The Johns Hopkins University, 1975. Political Economy.
The Dichotomous Labor Market: Its Effect on Wage Changes and Full Employment.
- ELEANOR ELIZABETH MALONEY, of Atlanta, Ga., B. A. Swarthmore College, 1973. Biology.
- KAZUO MATSUSHITA, of Tokushima Prefecture, Japan, B. E. University of Tokyo, 1971; B. E., 1972. Political Economy.
- ROBERT DANIEL McGRATH, of Bel Air, Md. Physics.
- GEORGE WARREN McKENNA, of Winthrop, Mass., B. A. Boston College, 1964. Near Eastern Studies.
- BRUCE DAYTON MEADE, of East Aurora, N. Y., B. S. Cornell University, 1972. Biophysics.
- ABRAHAM MEHREZ, of Haifa, Israel, B. A. Hebrew University of Jerusalem, 1972. Mathematical Sciences.
- JACQUELINE TEMA MILLER, of New York, N. Y., B. A. University of Rochester, 1973. English.
- LARRY BENJAMIN MILLER, of Baltimore, Md. Classics.
- CAROL JANE MILLS, of Baltimore, Md., B. S. Towson State College, 1974. Psychology.
- RICHARD KEITH MOATS, of Oakland, Md., B. A. Western Maryland College, 1974. Chemistry.
- WILLIAM FRANCIS MOESSINGER, of Street, Md., B. A. Towson State College, 1963; M. L. A. The Johns Hopkins University, 1973. Writing Seminars.
Backstroke.
- DIANE MAHONY MONRAD, of Berkeley, Calif., B. A. Duke University, 1972. Psychology.
- GARY LOUIS MOORE, of Baltimore, Md., B. A. University of Maryland, 1974. Chemistry.

- PAUL MCKINLEY MURRAY, of Louisville, Ky., B. A. Wittenberg University, 1974. German.
- JAMES C. MUSSELWHITE, JR., of Fayetteville, N. C., B. A. Duke University, 1972. Political Science.
Politics of the Budgetary Process in Mexico: A Study of Two Regimes.
- DANIEL PAUL MUSSER, of Wells, Minn., B. S. University of Notre Dame, 1974. Physics.
- SUSAN LYNN KETZEL NAYLOR, of Erie, Pa., B. S. Villa Maria College, 1971. Biology.
- WILLIAM CHRISTIAN NUFER, of Baltimore, Md., B. A. University of Virginia, 1975. Writing Seminars.
Where is Darla Cognito.
- MARY DORIS OLDEWURTEL, of Baltimore, Md., B. S. Mary Washington College of the University of Virginia, 1974. Chemistry.
- GERARD BERNARD OLSZEWSKI, of Baltimore, Md., B. A. The Johns Hopkins University, 1976. Chemistry.
- RICHARD ORODENKER, of Philadelphia, Pa., B. A. Pennsylvania State University, 1974. Writing Seminars.
Disraeli Generations and Other Stories.
- PETER DAVID PAGEREY, of West Lafayette, Ind., B. S. Clarkson College of Technology, 1973. Psychology.
- GWENN KAREN PAVLOVITZ, of Lansdale, Pa., B. A. The Johns Hopkins University, 1976. Chemistry.
- RONALD JOSEPH PENOYER, of Oran, N. Y., B. A. Cornell University, 1973. English.
The Experience of Malory's Morte.
- BARBARA MAE PEPPER, of Regina, Saskatchewan, Canada, B. Sc. University of Saskatchewan, 1969; M. Sc., 1971. Earth and Planetary Sciences.
- ARTHUR FREDERICK PETERSON III, of Mount Vernon, N. Y., B. A. Georgetown University, 1967. History.
- TERRY EDWARD PHILLIPS, of Sunbury, Pa., B. A. Susquehanna University, 1970. Chemistry.
- PETER ANTHONY POGGIOLI, of Brooklyn, N. Y., B. A. College of the Holy Cross, 1972. History.
The Growth of American Interests: A Critique of the Foreign Policy Cycle Thesis.
- ROSS POSNOCK, of New York, N. Y., B. A. Kenyon College, 1974. English.
Convergence in The Wings of the Dove and Absalom, Absalom.
- DIANA MARIA PUJALS, of Santiago, Cuba, B. A. Goucher College, 1972. Psychology.
- STEPHEN PATRICK RANDOLPH, of Delano, Calif., B. S. United States Air Force Academy, 1974. History of Science.
Emigration, Alteration, and Confrontation: James Franck in Baltimore, 1935-1938.
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- ANNE RAYER, of Baltimore, Md., B. A. Oberlin College, 1972. Writing Seminars.
Priming the Pump.
- PAMELA LYNNE REGIS, of Aberdeen, Md., B. A. The Johns Hopkins University, 1974. English.
- ALAN MARK ROBINSON, of Perth Amboy, N. J., B. A. University of Pennsylvania, 1972; M. S. Ed., 1972. Geography.
The Effects of Urbanization on Stream Channel Morphology.
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A Reflectometer for Calibration of Gratings in the Vacuum Ultraviolet.
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- KENT WILLIAM SCHELL, of Hartford, Conn., B. A. Wesleyan University, 1970. Humanities Center.
- ROBERT SCOTT SCHEPP, of Massapequa Park, N. Y., B. A. The Johns Hopkins University, 1974. Chemistry.
- DIANE MARIE SCHMIT, of Los Angeles, Calif., B. S. University of California, Los Angeles, 1974. Chemistry.
- JOHN MEYER SLATIN, of Buffalo, N. Y., B. A. University of Michigan, 1973. English.
- BORWORSRI CHIRARATTANANON SOMBOONPANYA, of Bangkok, Thailand, B. Econ. Chulalongkorn University, Thailand, 1972. Political Economy.
- THOMAS FLINT SPARKS, of Brownwood, Texas, B. S. Texas Arts and Industries University, 1974. Biology.
- ALEX MCCONNELL STEVENS, of New York, N. Y., B. A. University of Louisville, 1970. Writing Seminars.
A Man Climbs the Hill in Front of His House, and Imagines a Mystery.
- ERIC JOHN SUNDQUIST, of McPherson, Kans., B. A. University of Kansas, 1974. English.
- RICHARD SWARTZ, of Philadelphia, Pa., B. A. Mansfield State College, 1974. Writing Seminars.
Passive Voice.
- YITZHAK TAL, of Jerusalem, Israel, B. A. Hebrew University of Jerusalem, 1970. Political Economy.
- CRAIG ARTHUR THOMPSON, of Hastings-on-Hudson, N. Y., B. A. The Johns Hopkins University, 1976. History.
The Rhetoric of Friendship in the Letters of Alcuin of York and St. Anselm of Canterbury.
- JAMES PETER THOMPSON, of Cambridge, N. Y., B. A. Brandeis University, 1973. English.

- CRAIG VAN DOREN THORNTON, of San Jose, Calif., B. A. University of Michigan, 1973. Political Economy.
- SARAN TWOMBLY, of Saranac Lake, N. Y., B. S. St. Lawrence University, 1973. Earth and Planetary Sciences.
- MARTHA ANNA UMBREIT, of Wausau, Wis., B. S. Massachusetts Institute of Technology, 1971. Chemistry.
- ATILLA URAS, of Samsun, Turkey, B. A. Bogazici University, Turkey, 1973. Political Economy.
- DIANE FAYE UREY, of Portland, Oreg., B. A. University of Oregon, 1974. Romance Languages.
- DAVID ALAN VANKO, of Timonium, Md., B. A. The Johns Hopkins University, 1976. Earth and Planetary Sciences.
- MARY-JOAN MOH WALL, of Anhwei, China, B. S. Fujen Catholic University, China, 1968. Physics.
- JEAN CAROL WILSON, of Point Pleasant, N. J., B. A. American University, 1972. History of Art.
- STEVEN FRANCIS WOJTAŁ, of Albany, N. Y., B. S. Brown University, 1974. Earth and Planetary Sciences.
- ROBERT STEVEN WOLFF, of Chicago, Ill., B. A. Claremont Men's College, 1974. Writing Seminars.
Pitch and Run.
- PETER ALLAN WOOLSON, of York, Pa., B. A. University of Richmond, 1974. Writing Seminars.
The Search for Missing Persons.
- PAUL FREDERIC WORLEY, of Mount Lebanon, Pa., B. A. The Johns Hopkins University, 1975. Chemistry.
- SUSAN FILLIN YEH, of New York, N. Y., B. A. New York University, 1964; M. A. Boston University, 1968. History of Art.
- HOWARD GEORGE ZAHAROFF, of Rockaway, N. J., B. A. Lafayette College, 1972. Philosophy.
- ROBERT DAVID ZMUDA, of Pittsburgh, Pa., B. A. University of Pittsburgh, 1975. Writing Seminars.
Thinking about Feeling.

DOCTORS OF SCIENCE

in The School of Hygiene and Public Health

- JUDITH KELLER BARR, of South Orange, N. J.; B. A. Goucher College, 1957. Behavioral Sciences.
Role Relations in Medical Care Delivery: Task Performance and Consensus.
- JOHN F. BASKAR, of Arlington Heights, Mass.; B. Sc. University of Madras, 1959; M. S. Howard University, 1967. Pathobiology.
Tumorigenicity of Different Cell Types Derived from a Teratocarcinoma Cell Line.
- THOMAS FELICE BELTRAME, of Mount Airy, Md.; B. S. University of Maryland, 1961; M. H. S. The Johns Hopkins University School of Hygiene and Public Health, 1973. Mental Hygiene.
Drinking Patterns Among Adult Males in Two Lumbee Indian Communities.
- JOÃO MANUEL DO ROSÁRIO PACHECO DE FIGUEIREDO, of Baltimore, Md.; M. D. Goa Medical School, 1965; M. A. The Johns Hopkins University, 1969. Mental Hygiene.
Explorations in Transcultural Psychiatry.
- MARK HOWARD EPSTEIN, of University Heights, Ohio; B. S. The Ohio State University, 1966; M. S. P. H. The University of Missouri, 1972. Health Care Organization.
Community Hospitals: Their Governing Boards and Capital Finances.
- HAILE MARIAM KAHSSAY, of Addis Abeba, Ethiopia; B. Sc. Haile Sellassie I. University, 1966; M. P. H. University of California, 1969. Public Health Administration.
Traditional Health Beliefs in Ethiopia.
- RUTH ELIZABETH LITTLE, of Seattle, Wash.; B. A. Indiana University, 1958; M. S. University of Washington, 1968. Mental Hygiene.
Maternal Alcohol Use and Resultant Birth Outcome.
- WILLIAM A. NEILL, of Hiram, Ohio; B. A. Hiram College, 1967. Pathobiology.
Kaeng Khoi Virus in Cave-Dwelling Freetailed Bats in Thailand.
- ROBERT MARK POLITZER, of Burlington, Vt.; B. A. University of Vermont, 1970; M. S., 1972. Health Care Organization.
A Comparison of the Location and Specialty Distribution of Foreign and American Medical Graduates in Maryland.
- NICHOLAS SEAMUS RASHFORD, S. J., of Kansas City, Mo.; B. S. St. Louis University, 1969; M. A., 1972; S. M. Massachusetts Institute of Technology, 1973. Behavioral Sciences.
Human Resources: Their Measurement and Function in a Complex Medical Research Environment.

- A. RAZZAQUE RUKANUDDIN, of Karachi, Pakistan; M. A. University of Karachi, 1959. Population Dynamics.
The Effect of Sex Composition and Sex Differential Mortality on Fertility Behavior in Pakistan.
- PATRICIA HOLLAND SHEETS, of Baltimore, Md.; B. A. Notre Dame of Maryland, 1967. Pathobiology.
Mouse Hepatitis Virus Infection in Thymectomized C3H Mice.
- AN-LIANG SOONG, of Baltimore, Md.; B. S. Chung Yuan College of Science and Engineering, 1962; M. S. University of Rochester, 1969. Environmental Health.
An Investigation into the Factors Affecting the Measurement of the Line Spread Function and Modulation Transfer Function of Radiographic Intensifying Screens.
- GARY HENRY ZEMAN, of Wheaton, Md.; B. A. St. Mary's College, 1967; M. S. University of Minnesota, 1969. Environmental Health.
An Analysis of the Interrelationship Between Image Quality and Radiation Exposure in Xeroradiography.
- CHARLES JOHN STINE, of Baltimore, Md.; D. D. S. University of Maryland Dental School, 1950. Mental Hygiene.
Behavioral Ontogeny and Maternal-Offspring Interaction in the House Shrew "Suncus Murinus."
- IHSIUNG SU, of Baltimore, Md.; B. A. Tunghai University, 1960; M. A. University of Michigan, 1970. Population Dynamics.
Study on the Impact of Reform of Abortion Law in Taiwan, Republic of China.
- YVONNE MADELINE WILLIAMSON, of West Friendship, Md.; B. S. N. University of Maryland, 1958; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1971. Health Care Organization.
Congruence of Patients' and Nurses' Attitudes Toward Hospital Nursing Care.

DOCTORS OF PUBLIC HEALTH

in The School of Hygiene and Public Health

- CONSTANCE JEAN ADAMS, of Baltimore, Md.; B. S. Michigan State University, 1963; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1971. Maternal and Child Health.
Declining Neonatal Mortality Rates in Baltimore City.
- MERVELL WINZER BRACEWELL, of New Orleans, La.; B. S. N. Adelphi University, 1957; M. S. N. Catholic University, 1963; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1971. Population Dynamics.
Illegitimate Babies Born to Negro Teenagers in Baltimore.
- GEORGIA LEE BROWN, of Baltimore, Md.; B. S. Tuskegee Institute, 1965; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1972. Behavioral Sciences.
Sociocultural Mobility and Incongruity Factors in the Occurrence of Cerebrovascular Disease.
- GENE S. CRANCH, of Baltimore, Md.; B. A. University of Maine, 1949; M. A. University of Chicago, 1956; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1969. Maternal and Child Health.
Determination of Potential for Patient Management by Nurse-Midwives.
- LILLIAN K. GIBBONS, of Baltimore, Md.; B. S. Adelphi University, 1968; M. P. H. University of Michigan, 1970. Maternal and Child Health.
Analysis of Rise in Cesarean Sections in Baltimore.
- ARNFRIED ADOLF KIELMANN, of Montreal, Quebec, Canada; B. Sc. Sir George Williams University, 1960; M. D. C. M. McGill University, 1965; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1970. International Health.
Interactions of Nutrition and Infection: Immune Responses and Weight Fluctuations Following Immunizations in a Rural Preschool Child Community.
- REGINA McPHILLIPS, of Baltimore, Md.; B. S. Adelphi University, 1967; M. P. H. University of Minnesota, 1968. Maternal and Child Health.
Relationship of Selected Factors with Development of Toxemia.
- DINESH P. SINHA, of Baltimore, Md.; M. B. B. S. Darbhanga Medical College, 1962; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1969. Pathobiology.
The Children of Ichag—A Longitudinal Study of Health and Disease in a Rural Community.
- MARY LOUISE TALBOTT THOMS, of Baltimore, Md.; B. S. N. Western Reserve University, 1962; M. S. N. University of Pennsylvania, 1963; M. P. H. The Johns Hopkins University School of Hygiene and Public Health, 1972. Public Health Administration.
A Social Area Analysis of Patient-Nurse Contacts in an Urban, Official Public Health Agency.

DOCTORS OF PHILOSOPHY

in The School of Hygiene and Public Health

DEAN SEYMOUR SINGER BROSS, of Buffalo, N. Y.; B. S. Brown University, 1973; M. S., 1973. Biostatistics.

Survival Analysis in the Presence of Mixed Distributions.

MEAD TALYOR CAIN, of New York, N. Y.; A. B. Princeton University, 1968; M. Sc. London School of Economics, 1972. Population Dynamics.

Village Modernization, Social Stratification and Fertility Behavior in Rural Pakistan.

LINDA JOY CIBOROWSKI, of Bel Air, Md.; B. A. St. Joseph College, 1972. Environmental Health.

Leukocyte Metabolic Response to Antigenic Stimulation "In Vitro."

ABDULRAHMAN FARHANG-AZAD, of Baltimore, Md.; Dr. Pharm. Tehran University, 1966; M. P. H., 1970. Pathobiology.

Ecology of Norway Rat Populations and Capillaria hepatica.

ARTHUR GERALD ITKIN, of Lawrenceville, N. J.; B. A. Indiana University, 1951; M. S. New York University, 1953; M. S. Rutgers University, 1968. Biostatistics.

Multinomial Responses in Regression Problems.

EUGENE DAVID JOHNSON, of Vestal, N. Y., B. S. Cornell University, 1970; M. P. H. Yale University, 1972. Epidemiology.

Functional Heterogeneity of Lymphocytic Choriomeningitis Virus Specific Lymphocytes.

RICHARD CHARLES MCCARTY, of Randallstown, Md.; B. S. Old Dominion University, 1970; M. S., 1972. Pathobiology.

Parental Environment and the Development of Behavior in Two Rodent Species, "Onychomys torridus" and "Peromyscus leucopus."

ELIZABETH MOEN, of Eugene, Ore.; B. S. Lenoir Rhyne College, 1964. Population Dynamics.

Household Structure, Family Socialization and the Premarital Sexual Behavior of U. S. Adolescent Females.

DAVID GORDON RITCHIE, of La Jolla, Cal.; B. A. San Jose State College, 1968. Biochemical and Biophysical Sciences.

Studies on Rat Peritoneal Mast Cell Histidine Decarboxylase.

ENSOR RODRIGUEZ-LOPEZ, of Baltimore, Md.; M. D. University of Salamanca, 1961; M. P. H. Harvard School of Public Health, 1968. Environmental Medicine.

The Cardiovascular Adaptations of Unanesthetized Dogs to Sudden Changes of Aortic Resistance.

LEONARD MARTIN SCHECHTMAN, of Baltimore, Md.; B. S. Long Island University, 1964; M. S. University of Cincinnati, 1966. Environmental Health.

A Mammalian Cellular System for the Mechanistic Study of (1) "In Vitro" Neoplastic Transformation by Chemical Carcinogens, and (2) The Uptake and Fate of Exogenous Nucleic Acids.

NANCY JOHNSON SMITH, of Calgary, Alberta, Canada; B. A. Colby College, 1966; M. A. T. The Johns Hopkins University, 1968. Environmental Medicine.

Evaluation of Both Outdoor and Indoor Exposure to Carbon Monoxide and Their Health Significance in Calgary, Alberta, Canada.

CHARLES THOMAS SPRADLIN, of Odessa, Texas; B. A. University of Texas, 1972. Biostatistics.

A Logistic Approach to Structure-Activity Relations in Drugs.

HARVEY FLOYD THOMAS, of Baltimore, Md.; B. S. Morgan State College, 1967. Biochemical and Biophysical Sciences.

Thymine Hydroperoxide as a Chemical Mutagen.

RICHARD ALLAN VOGEL, of Chapel Hill, N. C.; B. A. The Johns Hopkins University, 1969. Environmental Medicine.

Adverse Effects of Hypoxic and Carbon Monoxide Hypoxia and Psychotropic Drugs on Conceptual Behavior and Memory in Baboons.

WENDY CAROLYN WOLF, of Madison, Wis.; B. A. Pembroke College, 1971. Population Dynamics.

Occupational Attainment of Married Women: Do Career Contingencies Matter?

ANN GRAHAM ZAUBER, of Birmingham, Ala.; B. A. Hollins College, 1969. Biostatistics.

Multiple Regression with Censored Survivals in a Makeham Model with Application to Longevity.

KATHRYN EGLOFF-ZOON, of Columbia, Md.; B. S. Rensselaer Polytechnic Institute, 1970. Biochemical and Biophysical Sciences.

Studies of the Constitution of the Cell Envelope of Haemophilus Influenzae in Relation to Competence for Genetic Transformation.

DOCTORS OF PHILOSOPHY

in The School of Advanced International Studies

DONALD C. BOOHER, of Pitcairn, Pa., B. A. Miami University, 1967; M. A., 1968.

Famine: An American Dilemma?

LAWRENCE HARWOOD DE BIVORT, of Washington, D. C., B. A. Stanford University, 1965; M. A. The American University, 1967.

The Establishment of Israel and the Arab-Israeli Conflict: A Legal Analysis

ERIC WYLIE HAYDEN, of Locust Valley, L. I., N. Y., B. A. Princeton University, 1965; M. A. The George Washington University, 1971.

The Transfer of Industrial Technology to East Europe: A Study of U. S. Corporate Experience

WILLIAM EDWARD HAZEN, of Arlington, Va., B. A. University of Virginia, 1954; M. A. American University of Beirut, 1959.

Mustafâ Al-Nahhâs, Leader of the Wafd

JANET KELLY, of Philadelphia, Pa., B. S. F. S. Georgetown University, 1969; M. A. The Johns Hopkins University, S. A. I. S., 1972.

American Banks in Britain

CHARLES EDWARD MORRISON, of Billings, Mont., B. A. The Johns Hopkins University, 1965; M. A. S. A. I. S., 1967.

Southeast Asia in a Changing International Environment: A Comparative Foreign Policy Analysis of Four ASEAN-Member Countries

SAMUEL BURTON PAYNE, JR., of New York, N. Y., B. A. Harvard University, 1963; M. A. New York University, 1967.

"From Positions of Strength": Soviet Attitudes towards Strategic Arms Limitation

MIR-AHMED BARAY ZEKRYA, of Kaboul, Afghanistan, Licence University of Lausanne, 1967.

Planning and Development in Afghanistan: A Case of Maximum Foreign Aid and Minimum Growth

BENNETT RAMBERG, of Los Angeles, Calif., B. A. University of Southern California, 1968; M. A. The Johns Hopkins University S. A. I. S., 1970.

The Seabed Arms Control Negotiation: A Study of Multilateral Arms Control Conference Diplomacy

EARL CEDRIC RAVENAL, of Washington, D. C., B. A. Harvard University, 1952; M. A. The Johns Hopkins University S. A. I. S., 1971.

Foreign Policy and International Order: The Structure and Process of Choice in the Nixon-Kissinger and Ford-Kissinger Administrations

TEDDY WALLACE ROE, of Alexandria, Va., B. A. University of Montana, 1959; M. A. Georgetown University, 1965.

A Review of Factors Leading to Fidel Castro's Retreat on Armed Struggle, 1967 and 1968

JIRI VALENTA, of Miami, Fla., Master's Charle's University, 1968.

Soviet Foreign Policy Decision-Making and Bureaucratic Politics: Czechoslovak Crisis 1968

DENNIS PAUL WILLIAMS, of Webster, N. Y., B. A. Boston College, 1965; M. A. The Johns Hopkins University S. A. I. S., 1970.

Local Level Politics: A Study of Political Parties in a Turkish Province

GERALD CAMPBELL VAUGHAN WRIGHT, of Toronto, Ontario, B. A. University of Toronto, 1962; B. A. University of Oxford, 1964; M. P. A. Harvard University, 1965.

Cooperation and Independence: Canada's Management of Financial Relations with the United States, 1963-1968

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MARTIN S. ALTSCHUL, of Wilmette, Ill., B. S. Massachusetts Institute of Technology, 1970.

RANDALL ALLEN AMMON, of Orinda, Cal., B. S. University of California (Berkeley), 1972.

PAUL AUSTIN, of Monsey, N. Y., B. S. Tufts University, 1972.

DAVID M. BACHMAN, of Scranton, Pa., B. A. Johns Hopkins University, 1973.

THERESA A. BARRY, of Philadelphia, Pa., B. S. Drexel Institute of Technology, 1972.

CARLOS BAZAN III, of San Antonio, Tex., B. A. Cornell University, 1972.

- GEORGE VANN BENNETT, of Kailua, Hi., B. A. Stanford University, 1970; Ph.D. Johns Hopkins University, 1975.
- WILLIAM LOUIS BERNSTEIN, of Baltimore, Md., B. A. Johns Hopkins University, 1973.
- JOHN ANDREW BERTOLATUS, of Little Mountain, S. C., B. A. Johns Hopkins University, 1972.
- JEFFREY ALLAN BILLER, of New York, N. Y., B. Chem. City College of New York, 1972.
- JULIE BLATT, of White Plains, N. Y., B. A. Radcliffe College, 1972.
- JACK BENTON BLEICH, of Atlanta, Ga., B. A. Johns Hopkins University, 1971.
- DONALD ROSS BORDLEY, of Cooperstown, N. Y., B. A. Yale University, 1969.
- ROY GLEN BROWER, of Rock Hill, N. Y., B. A. Cornell University, 1971.
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Immune T-Lymphocytes: An Analysis of Requirements for Cytolytic Expression.
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The Interaction Between Renal Blood Flow Autoregulation & Renal Nerve Stimulation: The Role of Angiotensin, Prostaglandins & Intrarenal Hemodynamics.
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In Vitro Modulation of Hepatic Cholesterol Synthesis and the Activity of 3-hydroxy-3-methylglutaryl Coenzyme A Reductase.
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The Low Resolution (6 Å) Crystal Structure of Fab Hil: A Myeloma Immunoglobulin Fragment.
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Studies on the Extracellular Lipase and a Possible Membrane-Bound Precursor in "Bacillus subtilis."
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The Carotid Sinus Reflex Control of Cardiac Function.
- HARRY LEVINE III, of Rockville, Md., B. S. Cornell University, 1971. Physiological Chemistry.
The Role of Metal Ions in Affecting Structure and Function in the Alkaline Phosphatase from E. coli.
- SAMUEL VICTOR LICHTENSTEIN, of Toronto, Ontario, Can., B. S. University of Toronto, 1970. Biomedical Engineering.
The Peripheral Vascular Effects of Ouabain.
- PAULINE M. H. MAZUMDAR, of London, Eng., M. B., B. S. Royal Free Hospital School of Medicine (University of London), 1958; M. Tech. Brunel University, 1972. History of Medicine.
Karl Landsteiner and the Problem of Species 1838-1968.

PAUL ANTHONY MIED, of Kingsville, Md., B. A. Johns Hopkins University, 1971. Physiological Chemistry.

Factors Controlling the Activity of H. diminuta Glycogen Synthase.

FRANK LAMBERT RICE, of Whiting, N. J., B. S. Lebanon Valley College, 1969. Anatomy.

The Development of the Primary Somatosensory Cortex in the Mouse: 1) A Nissl Study of the Ontogenesis of the Barrels and the Barrel Field, 2) A Quantitative Autoradiographic Study of the Time of Origin and Pattern of Migration of Neuroblasts in Area S1.

LEON ARAM SARYAN, of Rockford, Mich., B. A. Johns Hopkins University, 1970. Physiological Chemistry.

An Investigation of the State of Water in Normal and Neoplastic Tissues.

DOCTORS OF PHILOSOPHY

in the Faculty of Arts and Sciences

MARC DANIEL ALEXANDER, of Los Angeles, Calif., B. A. University of California, Santa Cruz, 1972; M. A. The Johns Hopkins University, 1974. History.

The Administration of Madness and Attitudes toward the Insane in Nineteenth-Century Paris.

IFZAL ALI, of Shillong, Assam, B. A. University of Delhi, 1968; M. A. Delhi School of Economics, 1970; M. A. The Johns Hopkins University, 1974. Political Economy.

Comparative Advantage and Trade Policy in a General Equilibrium Framework: A Case Study of India.

SYED FIRASAT ALI, of Karachi, Pakistan, B. E. N. E. D. Government Engineering College, Karachi, Pakistan, 1965; Master of Applied Sci. University of Windsor, 1969. Mechanics and Materials Science.

Structure of the Turbulence in the Plane Wake Behind a Heated Flat Plate.

ASIS KUMAR BANDYOPADHYAY, of Calcutta, India, B. A. Calcutta University, 1966; M. A., 1969. Political Economy.

Three Essays on the Theory of Economic Growth.

JOHN EDMUND BARNES, of Richmond, Calif., B. A. University of California, Riverside, 1969. Biology.

The Purification and Properties of the Coupling Factor (F_1) of Oxidative Phosphorylation Isolated as a Native Enzyme.

ALAN JOSEPH BASS, of New York, N. Y., B. A. Brandeis University, 1970. Humanities Center.

Writing and Difference: A Translation of Eight Essays from L'écriture et la différence by Jacques Derrida, with Introduction and Additional Notes.

JAMES DANIEL BEAN III, of Baltimore, Md., B. A. University of South Carolina, 1969; M. A. The Johns Hopkins University, 1971. German.

The Literary Criticism of Friedrich Schulz.

RONALD MICHAEL BENINCASA, of Philadelphia, Pa., B. S. Massachusetts Institute of Technology, 1969. Mathematics.

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LLOYD BOND, of Brownsville, Tenn., B. A. Hillsdale College, 1964. Psychology.

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The Relation of Rock Resistance to Incised Meander Form in the Appalachian Valley and Ridge Province.

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A Search for Chemically Produced Electronically Excited States in Dark Biological Processes: On the Formation of Lumisantonin in Artemisia kurra-mensis.
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First-Cost Bias: Economics, Institutions, Energy Husbandry.
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Capacity Constrained Optimal Production Scheduling.
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Property Rights and Economic Efficiency in Bureaucracy: A Model of Interagency Exchange.
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A Critical Edition and Study of Juan Enriquez Cartagena's Thesoro de varias poesias espirituales.
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Segmental Flexibility in Two Isotypes of Guinea Pig Antibody: Characterization, Comparison and Functional Significance.
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Prolegomena to a Critical Edition of the Illustrated Medieval Poem, De Balneis Terre Laboris, by Peter of Eboli (Petrus de Eboli).
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Guillevic, An Introduction, A Translation.
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Paradiso: aventura sigilosa de un sistema poetico.
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Far-Infrared Chemical Water Lasers.
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Epic Prooemium: A Study of the Design and Purpose of Hesiod's Theogony.
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Pseudo-Coulomb Wavefunctions in Molecular Physics with Applications to H_2^+ and H_2 .
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A Nanosecond Glimpse at Fluorescence Probes Bound to Model Membranes.
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Electron Impact Excitation of Molecular Nitrogen: High Energy-Resolution Studies of Electron Impact Optical Excitation Functions of the First Positive System.
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Interpersonal Distance, Eye Contact, and Stigmatization: A Test of the Equilibrium Model.
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The Location of the United States Steel Industry, 1879-1919.
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The Structure of Factorable Volterra Systems.
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Model Studies for the Photochemical Syntheses of 6-Aza Penicillin and 7-Aza Cephalosporin Isomers.
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Aspects of Negritude: The Guiana of Léon Gontran Damas.
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The History of the Army Reserve Officers' Training Corps, 1916-1973.
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Long-term Peripheral Nerve Activity during Behavior in the Rabbit: the Control of Locomotion

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The Portrayal of Tragic Conflicts in the Drama of the German Democratic Republic.
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Explicit Stochastic Linear Programming Models for Comprehensive River Basin Planning.
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The Justices of the Peace and County Government: Northamptonshire, Cambridgeshire and the West Riding, 1730-95.
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Investment Resource Allocation in the Electric Power Supply Industry in Nigeria.
- ROBERT JOSEPH KASSEL JACOB, Brooklyn, N. Y., B. A. The Johns Hopkins University, 1972; M. S. E., 1973. Electrical Engineering.
Computer-produced Faces as an Iconic Display for Complex Data.
- LUIS ANTONIO JIMENEZ, of Jamaica, N. Y., B. A. High Point College, 1967; M. A. University of North Carolina, 1969; M. A. The Johns Hopkins University, 1971. Romance Languages.
Literatura y sociedad en la narrativa de Manuel Gálvez.
- HUGH EDWARD JONES, of Palmerton, Pa., B. A. Lehigh University, 1961; M. A. Duke University, 1962. Political Science.
The Defeat of the Nomination of Abe Fortas as Chief Justice of the United States: A Case Study in Judicial Politics.
- GABRIEL MARTIAL BUSHEIJA KARIISA, of Nyabugando, Uganda, B. S. Makerere University, Kampala, 1970; M. A. The Johns Hopkins University, 1974. Political Economy.
The Process of Monetization: A Case Study of Kenya, 1922-1972.
- NANCY LYNNE KARWEIT, of Baltimore, Md., B. A. Salem College, 1962; M. L. A. The Johns Hopkins University, 1968. Social Relations.
Student Friendship Networks as a Resource Within Schools.
- TETSURO KAWASAKI, of Tokyo, Japan, B. S. University of Tokyo, 1971; M. S., 1973. Mathematics.
An Analytic Lefschetz Fixed Point Formula and its Application to V-Manifolds: General Defect Formula and Hirzenbruch Signature Theorem.
- MARJORIE JOAN SONDEHEIM KELK, of Kingston, Pa., B. A. Wellesley College, 1969; M. A. The Johns Hopkins University, 1973. Romance Languages.
The Social and Psychological Significance of Palazzeschi's Opere giovanili."
- GEOFFREY IVAN KELSO, of Melbourne, Australia, B. Com. University of Melbourne, 1967. Social Relations.
Explorations of the Developmental Antecedents of Holland's Occupational Types.
- ROMNEY THOMAS KEYS, of Lanham, Md., M. A. The Johns Hopkins University, 1974. English.
Psychology of Character in Thomas Hardy and D. H. Lawrence.
- JEFFREY COLEMAN KITCHEN, JR., of Potomac, Md., B. A. St. John's College, 1971. Mathematical Sciences.
On a Class of Investment Games.
- WILLIAM IRWIN KITCHIN, of Wake Forest, N. C., B. A. Tulane University, 1967; M. A. University of Virginia, 1969. Political Science.
The Role of the United States District Judge.
- CAROL KAUSHAGEN KLUKAS, of Buffalo, N. Y., B. A. Wittenberg University, 1971. Biology.
Mitochondrial Ribosomal RNA and Mitochondrial DNA of Drosophila melanogaster: Characterization and Mapping.
- JAMES L. KOURY, of Garden Grove, Calif., B. A. California State College at Long Beach, 1969; M. A. The Johns Hopkins University, 1973. Philosophy.
The Question of the Justifiability of Aristotle's Nicomachean Doctrine of Eudaimonia.
- LINDA JO REHA KRANTZ, of Tacoma, Wash., B. S. University of Washington, 1971. Biology.
The T4 Polymerase Proofreading Function: In Vitro and In Vivo Studies.
- GUY RODOLPHE LECAVALIER, of Lachine, Canada, B. A. University of Montreal, 1959; M. A., 1964. Social Relations.
The Impact of Television on a Politician's and Party's Image: A Study of Propaganda in a Non-Electoral Period.
- SERGIO PEREIRA LEITE, of Rio de Janeiro, Brazil, B. S. E. Pontificia Universidade Catolica Do, Brazil, 1968; M. A. The Johns Hopkins University, 1973. Political Economy.
On the Confidence Effect of International Reserves.
- CAROLE LEVANDA, of North Babylon, N. Y., B. A. Wheaton College, 1970. Chemistry.
The Effect of Structure on the Properties of Substituted and Bridged Mixed Valence Biferrocenes and Ferrocenophanes.
- I-HUNG LI, of Hangchow, Republic of China, B. S. Fujen Catholic University, 1970. Mathematics.
Forms in Many Variables with Coefficients in Function Field.

- ALICIA FRIDMAN LIEBERMAN, of Asuncion, Paraguay, B. A. Hebrew University of Jerusalem, 1971; M. A. The Johns Hopkins University, 1975. Psychology.
The Social Competence of Preschool Children: Its Relations to Quality of Attachment and to Amount of Exposure to Peers in Different Preschool Settings.
- AN-KUO LIU, of Taipei, Taiwan, B. S. Taiwan Provincial Chung-Hsing University, 1970. Mechanics and Materials Science.
Viscous Effects in Water Waves.
- GARY LEE LOOMIS, of Baltimore, Md., M. A. The Johns Hopkins University, 1974. Chemistry.
Studies on Synthesis of Decalin and Hydroazulene Sesquiterpenes.
- DAVID EDWIN LOWE, of Savannah, Ga., B. A. Brandeis University, 1972; M. A. The Johns Hopkins University, 1974. Political Science.
The Impossible Task: Organizational Innovation, Congressional Reform, and the Bolling Committee.
- ALISON LUCHS, of Washington, D. C., B. A. Vassar College, 1970; M. A. The Johns Hopkins University, 1972. History of Art.
Cestello: A Cistercian Church of the Florentine Renaissance.
- JOAN KATHERINE LUNNEY, of Philadelphia, Pa., B. S. Chestnut Hill College, 1968. Biology.
Studies on the Regulation of Serum Glycoprotein Homeostasis.
- ARTHUR JAMES LYONS, of New York, N. Y., B. A. Manhattan College, 1964; M. A. The Johns Hopkins University, 1968. History.
The Capetian Conquest of Anjou.
- SUSAN RITA PERSCHETZ MACHALA, of New York, N. Y., B. A. State University of New York, Buffalo, 1970; M. A. The Johns Hopkins University, 1973. Humanities Center.
The Convergence of Autobiography and Fiction in the Nineteenth and Early Twentieth Centuries: Thomas Hardy, Stendhal, and Italo Svevo.
- JOSEPH HENRY MAKURATH, of Philadelphia, Pa., B. A. Temple University, 1970; M. A., 1972. Earth and Planetary Sciences.
The Sedimentology and Paleoecology of the Keyser Limestone (Silurian-Devonian) of the Central Appalachians.
- CHARLES HENRY MCCOMAS III, of Bel Air, Md., B. A. The Johns Hopkins University, 1972; M. A., 1973. Earth and Planetary Sciences.
Nonlinear Interaction of Internal Gravity Waves.
- PETER VINCENT MCGINN, of West Hempstead, N. Y., B. A. The Johns Hopkins University, 1970; M. A., 1975; M. S. Pennsylvania State University, 1971. Psychology.
An Evaluation of the Myers-Briggs Type Indicator as a Tool for Understanding the Personality and Behavior of Talented Adolescents.
- THOYD MELTON, of Rich Square, N. C., B. S. North Carolina Central University, 1970. Biology.
Chemoreceptors and Chemotaxis in Salmonella Typhimurium.
- JANE ANN KRANZLER MEYER, of Alexandria, Va., B. A. Elmira College, 1964. International Studies.
The Foreign Policies of Consolidated States: Great Britain and France in the Eighteenth Century.
- JEFFREY DOMINICO MIANO, of Orlando, Fla., B. A. Vanderbilt University, 1971; M. A. The Johns Hopkins University, 1973. Chemistry.
On the Mechanism of Firefly Luciferin Luminescence.
- WILLIAM HAROLD MILLER, JR., of Washington, D. C., B. A. Fordham University, 1959. Physics.
Nuclear Goldberger-Treiman Relations and Meson-Nucleus Form Factors.
- GLENN ODIS MORRELL, JR., of Bristol, Va., B. A. Vanderbilt University, 1970. Chemistry.
Variational Calculations with Hyperspherical Basis Sets on Atomic Helium and Lithium.
- JOSEPH VINCENT NARDIELLO, of Buffalo, N. Y., B. A. Trinity College, 1962; M. A. Middlebury College, 1963. Romance Languages.
Federico Della Valle: An Introduction to His Tragedies.
- RUTH ESTHER NAROT, of Baltimore, Md., B. A. Goucher College, 1969; M. A. The Johns Hopkins University, 1973. Social Relations.
The Effects of Institutional Characteristics on the Racial Climate in 194 Southern Desegregated High Schools.
- JEANNE BELL NICHOLSON, of Lanham, Md., B. A. University of Maryland, 1966; M. A. The Johns Hopkins University, 1969. Political Science.
Perceptions of Organizational Goals and Effectiveness: A Study of Four Metropolitan Washington Women's Commissions.
- JAMES PATRICK O'LEARY, of Berkeley, Calif., B. S. F. S. Georgetown University, 1970. International Studies.
Systems Theory and Regional Integration: The Market Model of International Politics.
- LOUIS ANTOINE OLIVIER, JR., of Brooklyn, N. Y., B. A. University of Utah, 1962; M. A., 1963. Romance Languages.
Curieux, Amateurs and Connoisseurs: Laymen and the Fine Arts in the Ancien Régime.
- WILLIAM BRECHNER OWENS, of Middletown, Ohio, B. S. E. University of Michigan, 1968. Earth and Planetary Sciences.
A Numerical Study of Mid-Ocean Mesoscale Eddies.
- PAUL FREDERICK PASKOFF, of Bayside, N. Y., B. A. State University College, New Paltz, N. Y., 1970; M. A. The Johns Hopkins University, 1973. History.
Colonial Merchant-Manufacturers and Iron: A Study in Capital Transformation, 1725-1775.

- JEFFREY SAMUEL PASSEL, of Cambridge, Mass., B.S. Massachusetts Institute of Technology, 1969. Social Relations.
Population Projections Utilizing Age-Specific and Age-Parity-Specific Birth Rates Predicted with Time Series Models: Projections with Confidence Limits.
- VALERIE ANN PETIT, of New Orleans, La., B.S. Xavier University of Louisiana, 1970. Biology.
Studies on Membrane Structure in Heterokarons.
- KENNETH WALTER POTTER, of New Orleans, La., B.S. Louisiana State University, 1968. Geography.
A Stochastic Model of the Hurst Phenomenon: Non-stationarity in Hydrologic Processes.
- DAVID CONNELL RANKIN, of Santa Rosa, Calif., B.A. University of California, Santa Barbara, 1967; M.A. The Johns Hopkins University, 1969. History.
The Forgotten People: Free People of Color in New Orleans, 1850-1870.
- PETER GRIFFITH ROBERTSON, of Boston, Mass., B.S.C.E. Tufts University, 1964. Environmental Engineering.
Oxygen Transfer Limitation in Submerged Aerobic Fermentation Systems.
- JOHN GERARD ROMANSKI, of Baltimore, Md., B.E.S. The Johns Hopkins University, 1972. Electrical Engineering.
The Application of Doubly Stochastic Poisson Process Estimation Techniques to Optical Communication through Log-Normal Fading Channels.
- JAMES MAURICE RUBENSTEIN, of Baltimore, Md., B.A. University of Chicago, 1970. Geography.
The Appropriateness of New Towns in National Urban Growth Policy with Particular Reference to the French Experience
- DAVID ELLSWORTH SANFORD, of Walpole, Mass., B.A. Wesleyan University, 1957; M.A. University of California, Berkeley, 1960. Education.
Inspiration in the Creative Process and Meditation.
- BEATRICE ELEANORE MARY SARLOS, of Baltimore, Md., M.A. Loyola College, 1968. Education.
David Hume's Notion of Habit and Its Relation to his Thoughts on Education.
- PATRICIA ANN PAYNE SCHEIBLE, of Elizabethton, Tenn., B.S. University of Tennessee, 1969. Biology.
Studies on the Structure of the Bacteriophage T5 Chromosome.
- DAVID AUGUST SCHILLING, of Camden, N. J., B.S. Miami University, 1972. Environmental Engineering.
Multiobjective and Temporal Considerations in Public Facility Location.
- JUDITH DIANE SCHLESINGER, of New York, N. Y., B.S. Brooklyn College, 1967; M.S. Ohio State University, 1969. Electrical Engineering.
A Demonstration of the Feasibility of Using English as a Programming Language.
- JOSÉ JULIO DE ALMEIDA SENNA, of Rio de Janeiro, Brazil, Diploma: Mech. Industrial Engr. Federal University of the State of Rio de Janeiro, Brazil, 1968; M.A. The Johns Hopkins University, 1973. Political Economy.
Schooling, Job Experience and Earnings in Brazil.
- JAMES JOHN SHERRY, of Orange, Calif., B.A. University of California, Riverside, 1969; M.A. The Johns Hopkins University, 1972. English.
The Limits of Detachment and Involvement: A Dialectical Reading of Jane Austen's Novels.
- DALE HODGES SILVIRIA, of Los Angeles, Calif., B.A. University of California, Los Angeles, 1972; M.A. The Johns Hopkins University, 1974. English.
Shakespeare and the Virtuous Ideal.
- DALE MCCLURE SIMPSON, of Memphis, Tenn., B.A. The Johns Hopkins University, 1970. Psychology.
Behavioral Effects of Repeated Psychoactive Drug Administration.
- ABRAHAM SINGER, of Silver Spring, Md., B.E.E. City College of New York, 1961; M.S. University of Maryland, 1970. Electrical Engineering.
Microwave Diagnostics of Shock-heated Plasma and Some Applications.
- DALE STEPHEN SINOS, of Astoria, N. Y., B.A. Hunter College, 1968; M.A. The Johns Hopkins University, 1972. Classics.
The Entry of Achilles into Greek Epic.
- ROBERT EDWARD SLAVIN, of Bethesda, Md., B.A. Reed College, 1972. Social Relations.
Classroom Reward Structure: Effects on Academic Performance and Social Growth.
- MALCOLM MITCHELL SMITH, of Baltimore, Md., B.A. The Johns Hopkins University, 1970. Biology.
Transcription in Vitro of Immunoglobulin Kappa Light Chain Genes in Isolated Mouse Myeloma Nuclei and Chromatin.
- ANA MARIA SNELL, of Santander, Spain, Certificate University of Madrid, Spain, 1955; M.A. The Johns Hopkins University, 1972. Romance Languages.
Accion simbólica en la poesia de Quevedo: Sonetos y letrillas a la luz de la lingüística.
- POONSA-NGA SOMBOONPANYA, of Prachinburi Province, Thailand, B.E. Chulalongkorn University, Thailand, 1970; M.A. The Johns Hopkins University, 1974. Political Economy.
Identification and Estimation of Linear Dynamic Economic Models with Temporally Autocorrelated Disturbances.
- GERALD MAURICE STANCIL, of Baltimore, Md., B.S. Morgan State College, 1963. Chemistry.
The Adsorption and H₂-Reduction of Nitric Oxide on Magnesium Oxide.

- RALPH HOWARD STERN, of Cleveland, Ohio, B.S. Michigan State University, 1968; M.A. The Johns Hopkins University, 1973. Biology.
Biochemical Genetics of Mouse Carbonic Anhydrases and Hemoglobins.
- DAVID CHARLES STROMSWOLD, of Washington, D. C., B.S. Richmond College, 1967; M.A. The Johns Hopkins University, 1974. Physics.
Linear Polarization Measurements on Gamma Rays from ^{100}Pd , ^{102}Pd , ^{104}Pd , and ^{106}Pd .
- PETER MICHAEL SULLIVAN, of Bayonne, N. J., B.S. St. Peter's College, 1960; M.A. The Johns Hopkins University, 1966. German.
The German Lord's Prayer Commentary in the Late Middle Ages: Tradition and Originality.
- MICHAEL SCOTT SWAFFORD, of McFarland, Calif., B.A. Pasadena College, 1969. Social Relations.
The Perception of Occupations Among Elementary School Children.
- ETE ZOLTAN SZUTS, of Baltimore, Md., B.S. Houghton College, 1965; M.A. Columbia University, 1967. Biophysics.
Ca Content of the Frog Rod Outer Segment: Effects of Light and Hypotonic Lysis.
- WENDY EMERY TAKACS, of Columbia, Md., B.A. Douglas College, 1969; M.A. The Johns Hopkins University, 1973. Political Economy.
Quantitative Restrictions on International Trade.
- MARIA ISABEL TAMARGO, of Hato Rey, Puerto Rico, B.A. Inter American University of Puerto Rico, 1971; M.A. The Johns Hopkins University, 1973. Romance Languages.
El discurso de Adolfo Bioy Casares como producción: narrador, personajes, trama y lector.
- LLOYD VERNON TEMME, of Evansville, Ind., B.A. Indiana University, 1970. Social Relations.
Occupational Achievement: Meanings and Measures.
- ALBERT MACK TEPLIN, of Milwaukee, Wis., B.S. University of Wisconsin, 1967. Political Economy.
Fiscal Incentives to Residential Location: Baltimore City and Baltimore County.
- DANIEL JOSEPH WILSON, of Wausau, Wis., B.A. Wisconsin State University, 1972; M.A. The Johns Hopkins University, 1974. History.
Arthur O. Lovejoy: An Intellectual Biography.
- RAYMOND RICHARD TICE, of Bridgeport, Conn., B.A. University of California, San Diego, 1969; M.S. San Diego State College, 1972. Biology.
Bromodeoxyuridine-Differential Staining of Mammalian Chromosomes. I. Examination of Cellular Kinetics. II. Investigations into the Nature of Sister Chromatid Exchanges.
- BRIAN HUMPHREY TRACY, of Satellite Beach, Fla., B.A. Tufts University, 1968. Political Science.
Bargaining Models and Base Negotiations.
- THOMAS MICHAEL TRISCHMANN, of Chicago, Ill., B.S. Purdue University, 1969. Biology.
The Structural Basis for the Heterogeneity of Anti-Dinitrophenyl Antibodies Raised in Inbred Strains of Guinea Pigs.
- ROBIN TSAI, of Taiwan, Republic of China, B.S. Victoria University of Wellington, New Zealand, 1970; M.A. University of Maryland, 1972; M.S.E. The Johns Hopkins University, 1975. Mathematical Sciences.
A Planning Model for the Allocation of Health Service Resources for Long Term Care Patient.
- TAKASHI TSUSHIMA, of Tokyo, Japan, LL.B. Waseda University, Japan, 1958; M.A. Rutgers University, 1964. Political Economy.
A Simple Monetary Growth Model with a Government Budget Constraint.
- MARY JOYCE COWAN VIERNSTEIN, of Philadelphia, Pa., B.A. Rutgers University, 1959; M.A. The Johns Hopkins University, 1963; M.Ed., 1971; M.A., 1975. Psychology.
Origence, Intellectence, and Interpersonal Effectiveness as Determinants of Humanistic Precocity.
- CRAIG BEALE WAFF, of Flushing, N. Y., B.S. University of Florida, 1969. History of Science.
Universal Gravitation and the Motion of the Moon's Apogee: The Establishment and Reception of Newton's Inverse-Square Law, 1687-1749.
- CAROLYN ADAMS WATTS, of Olympia, Wash., B.A. University of Washington, 1971; M.A. The Johns Hopkins University, 1974. Political Economy.
A Managerial Discretion Model for Hospitals.
- MELVIN ROSCOE WILLIAMS, of Baltimore, Md., B.A. North Carolina College at Durham, 1958; M.A., 1960; M.A. The Johns Hopkins University, 1972. History.
Blacks in Washington, D. C., 1860-1870.



THE JOHNS HOPKINS UNIVERSITY • BALTIMORE, MARYLAND 21218

OFFICE OF THE REGISTRAR

July 22, 1976

For those who use the Commencement Program as an official record of the awarding of degrees, please note the following changes to the 1976 Commencement Program:

ADDITIONS AND DELETIONS

1. Bachelor of Arts Degrees (Arts and Sciences)

Delete: Bennett Joseph Bacon	Dwight Allan Holmberg
Jeffrey G. Benton	Ira Phillip May
James Aloysius Cahill III	Mary Joan Mouakad
Jonathan David Day	Stephen J. Rozzo
Jack Ira Deckelbaum	Lissa Caren Runyon
Jonathan Middleton Edwards	Robert David Soloff
David Leslie Ethridge	John Edward Steiner, Jr.
Joann Marla Feldman	Elise Warns Storck
David Kerr Heasley	Richard Earl Suskind
David Stewart Hodges	Marguerite Cheryl Townsend

2. Associate of Science Degrees (The Evening College)

Delete: Lawrence Lynn Grimes

3. Bachelor of Science Degrees (The Evening College)

Delete: Richard Eugene Seifert

4. Bachelor of Science in Engineering Degrees (The Evening College)

Add: Alvin Seidel, of Randallstown, Md.

5. Master of Science Degrees (The Evening College)

Add: Patricia Ann Riina, of Baltimore, Md., B.S. Monmouth College, 1972.
Education.

Mary Sheppard Zellars, of Columbia, Md., B.S. Howard University, 1967.
Education.

Delete: Monte Bruce Blacksberg	Bessie Mae Ferrell Hythe
Terry John Caracuzzo	George Franklin Johnson
Teresa Rich DeMartino	Karen Elaine Minton Williams
Frances Long Gill	Susan Hume Wimsatt

6. Master of Education Degrees (The Evening College)
Delete: Patricia Paige Foust Wilbren Wayne McAfee
7. Master of Liberal Arts Degrees (The Evening College)
Delete: Ellen Reedy Cadwalader Brian Henry Schofield
Mary Elizabeth Pivec
8. Master of Health Science Degrees (The School of Hygiene and Public Health)
Delete: Robin Joy Menes
9. Master of Arts in International Affairs (School of Advanced International Studies)
Delete: Karl Adalbero Kumpfmuller Gabriele Lauenstein
10. Master of Arts Degrees (School of Advanced International Studies)
Add: Jesse J. Alvarez, of Laurel, Md., B.S. University of Maryland, 1971.
Eileen McDade Colligan, of Flemington, N.J., B.A. College of William and Mary, 1963.
Delete: Dolorita Marie Baecher George D. Levidis
Kathleen Margera Brennan Mary Deborah Mills
Carlo L. Cop Eliane Najros
Eileen Patricia Dripchak Christopher Stuart Pfaff
Marcia Almena Duncan Angie Frank Smith III
Richard Allen Eychner
11. Honors (Baccalaureate Candidates in the Faculty of Arts and Sciences)
Add: Cecilia Lenk (Departmental Honors)
Delete: Bennett Joseph Bacon Jonathan David Day



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	James Aloysius Cahill III	Mary Joan Mouakad
	Jonathan David Day	Stephen J. Rozzo
	Jack Ira Deckelbaum	Lissa Caren Runyon
	Jonathan Middleton Edwards	Robert David Soloff
	David Leslie Ethridge	John Edward Steiner, Jr.
	Joann Marla Feldman	Elise Warns Storck
	David Kerr Heasley	Richard Earl Suskind
	David Stewart Hodges	Marguerite Cheryl Townsend

2. Associate of Science Degrees (The Evening College)

Delete: Lawrence Lynn Grimes

3. Bachelor of Science Degrees (The Evening College)

Delete: Richard Eugene Seifert

4. Bachelor of Science in Engineering Degrees (The Evening College)

Add: Alvin Seidel, of Randallstown, Md.

5. Master of Science Degrees (The Evening College)

Add: Patricia Ann Riina, of Baltimore, Md., B.S. Monmouth College, 1972.
Education.

Mary Sheppard Zellars, of Columbia, Md., B.S. Howard University, 1967.
Education.

Delete:	Monte Bruce Blacksberg	Bessie Mae Ferrell Hythe
	Terry John Caracuzzo	George Franklin Johnson
	Teresa Rich DeMartino	Karen Elaine Minton Williams
	Frances Long Gill	Susan Hume Wimsatt

6. Master of Education Degrees (The Evening College)
Delete: Patricia Paige Foust Wilbren Wayne McAfee
7. Master of Liberal Arts Degrees (The Evening College)
Delete: Ellen Reedy Cadwalader Brian Henry Schofield
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Kathleen Margera Brennan Mary Deborah Mills
Carlo L. Cop Eliane Najros
Eileen Patricia Dripchak Christopher Stuart Pfaff
Marcia Almena Duncan Angie Frank Smith III
Richard Allen Eychner
11. Honors (Baccalaureate Candidates in the Faculty of Arts and Sciences)
Add: Cecilia Lenk (Departmental Honors)
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